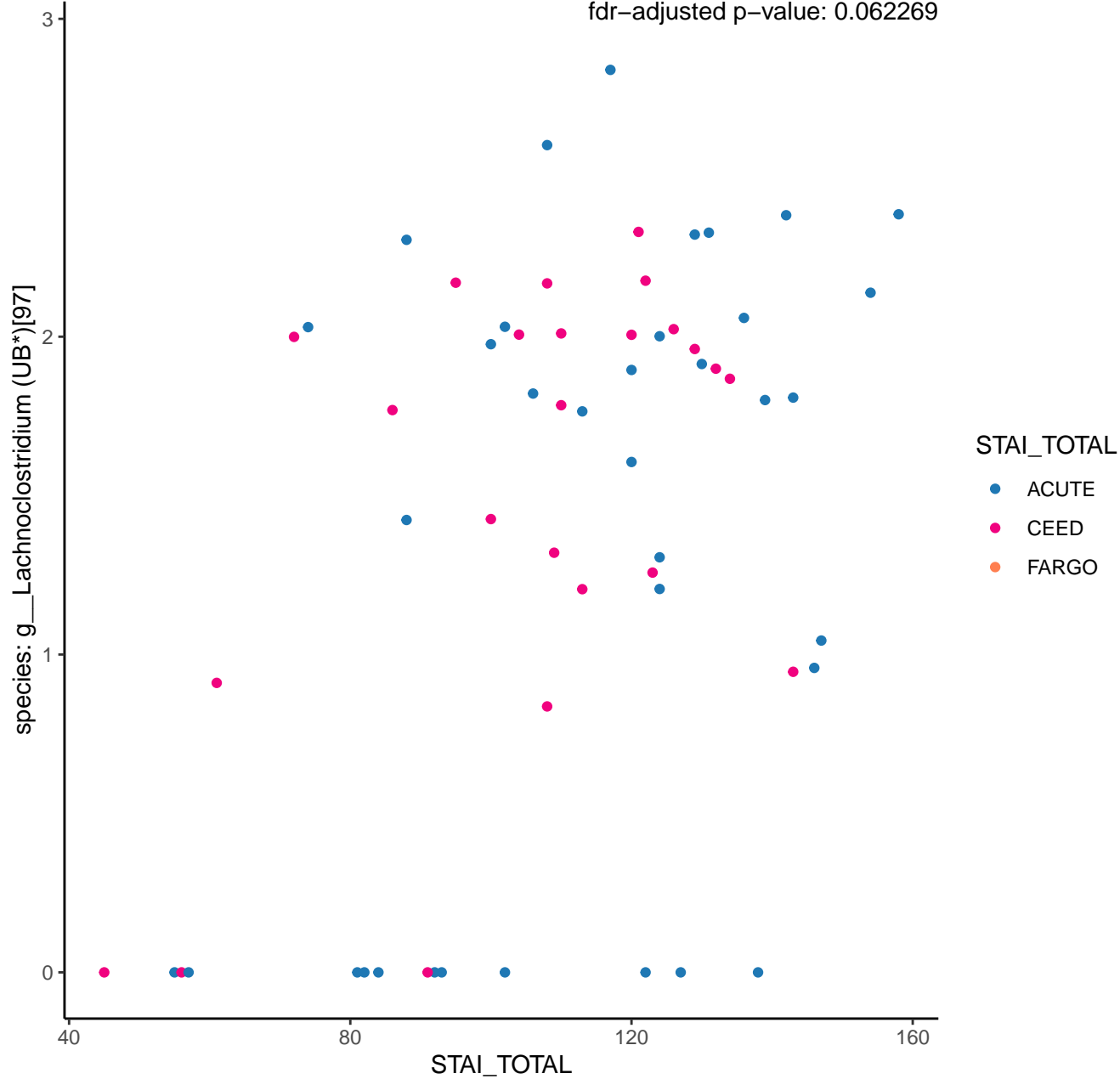


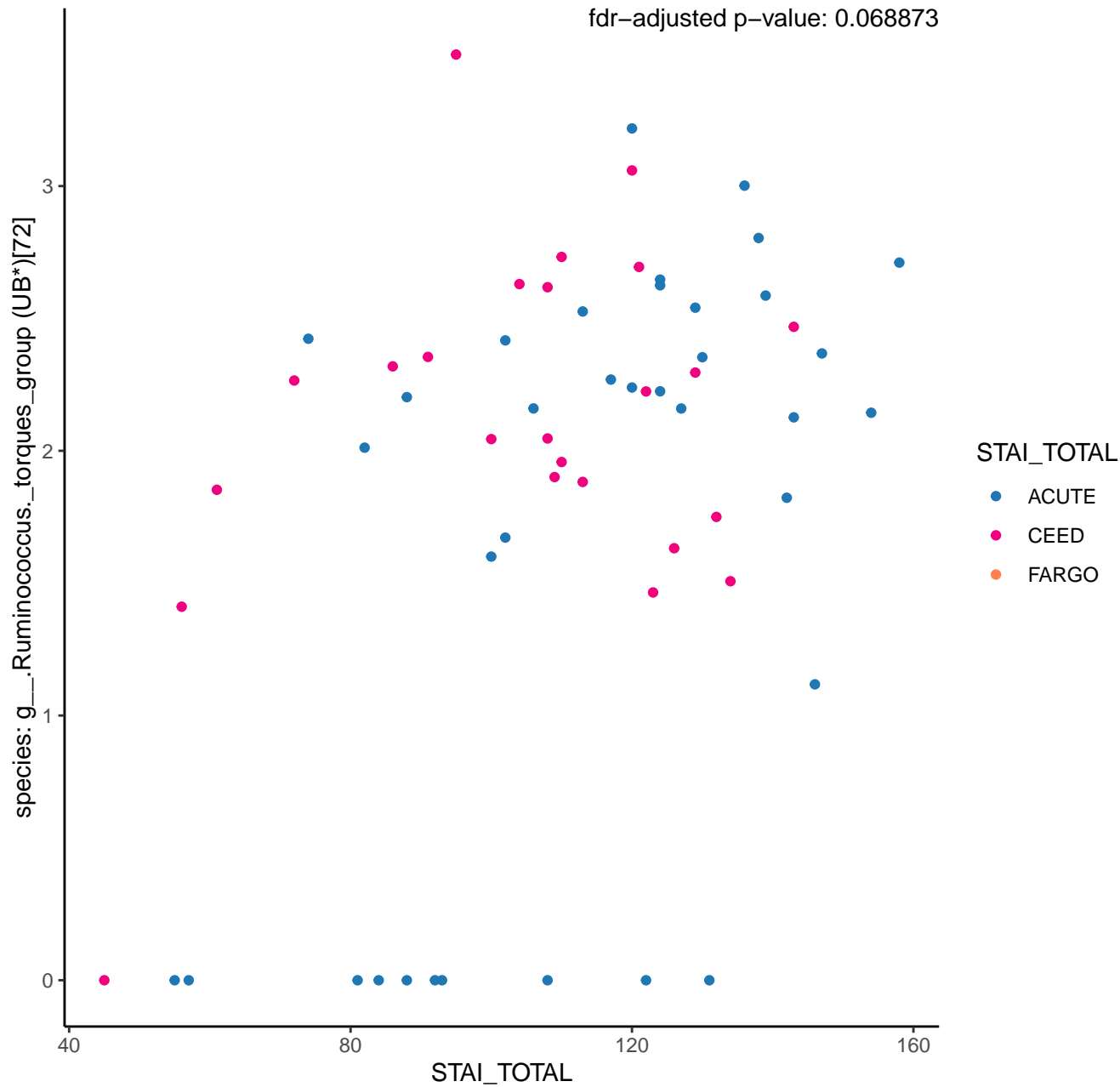
p-value: 0.00039411

fdr-adjusted p-value: 0.062269



p-value: 0.00087181

fdr-adjusted p-value: 0.068873



p-value: 0.0052802

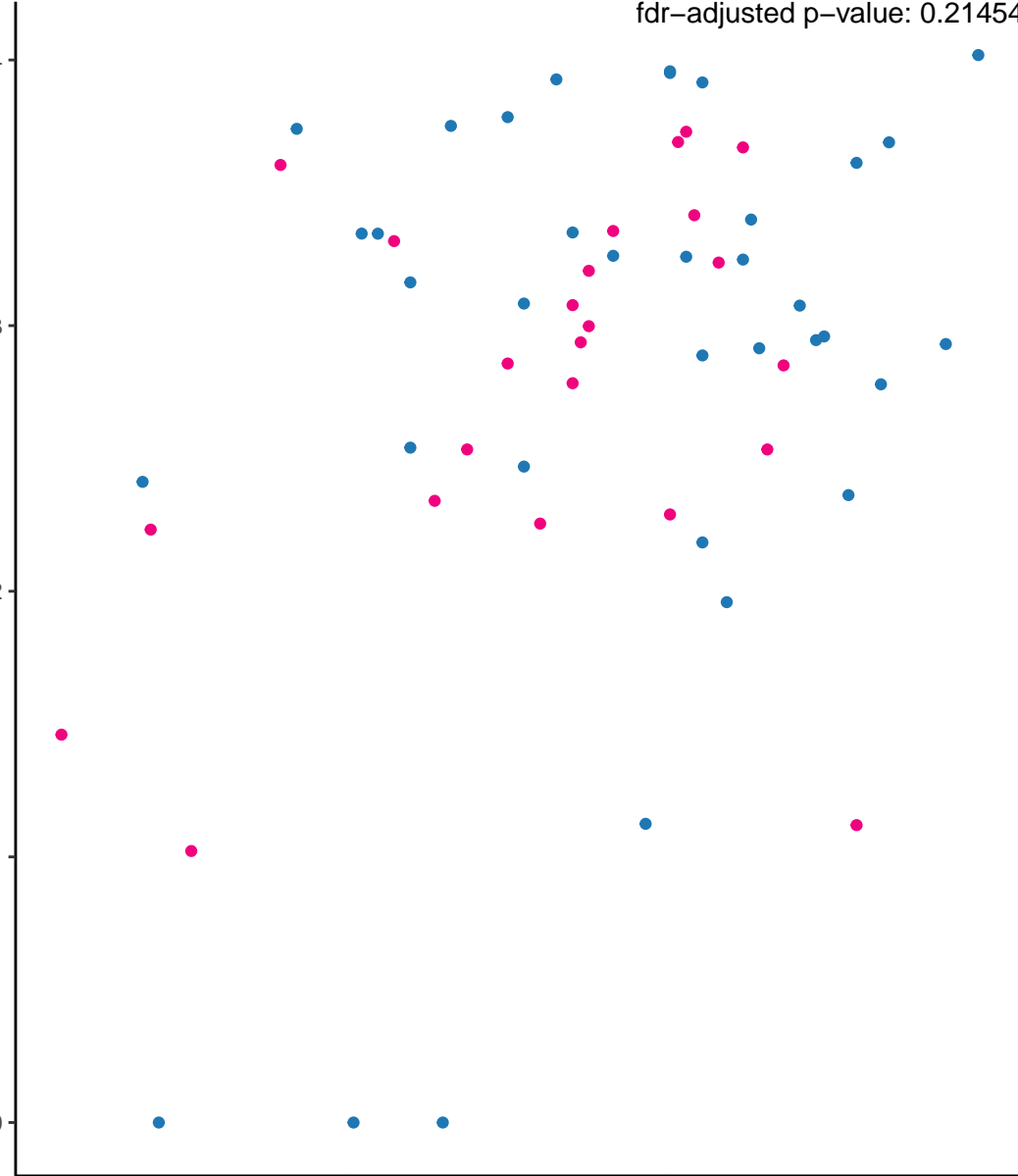
fdr-adjusted p-value: 0.21454

species: g__Bacteroides (UB*)[15]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.0054314

fdr-adjusted p-value: 0.21454

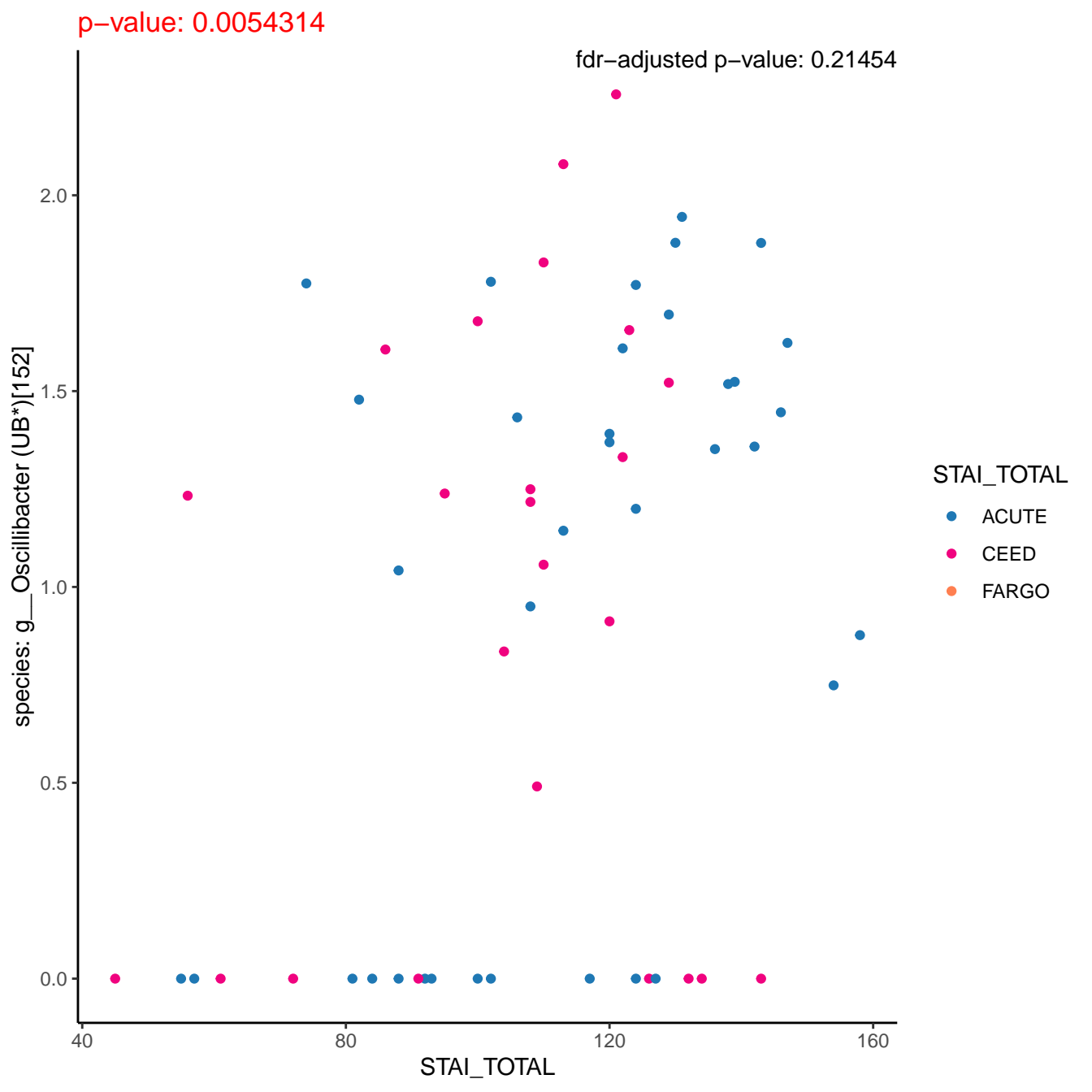
species: g__Oscillibacter (UB*)[152]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.0079815

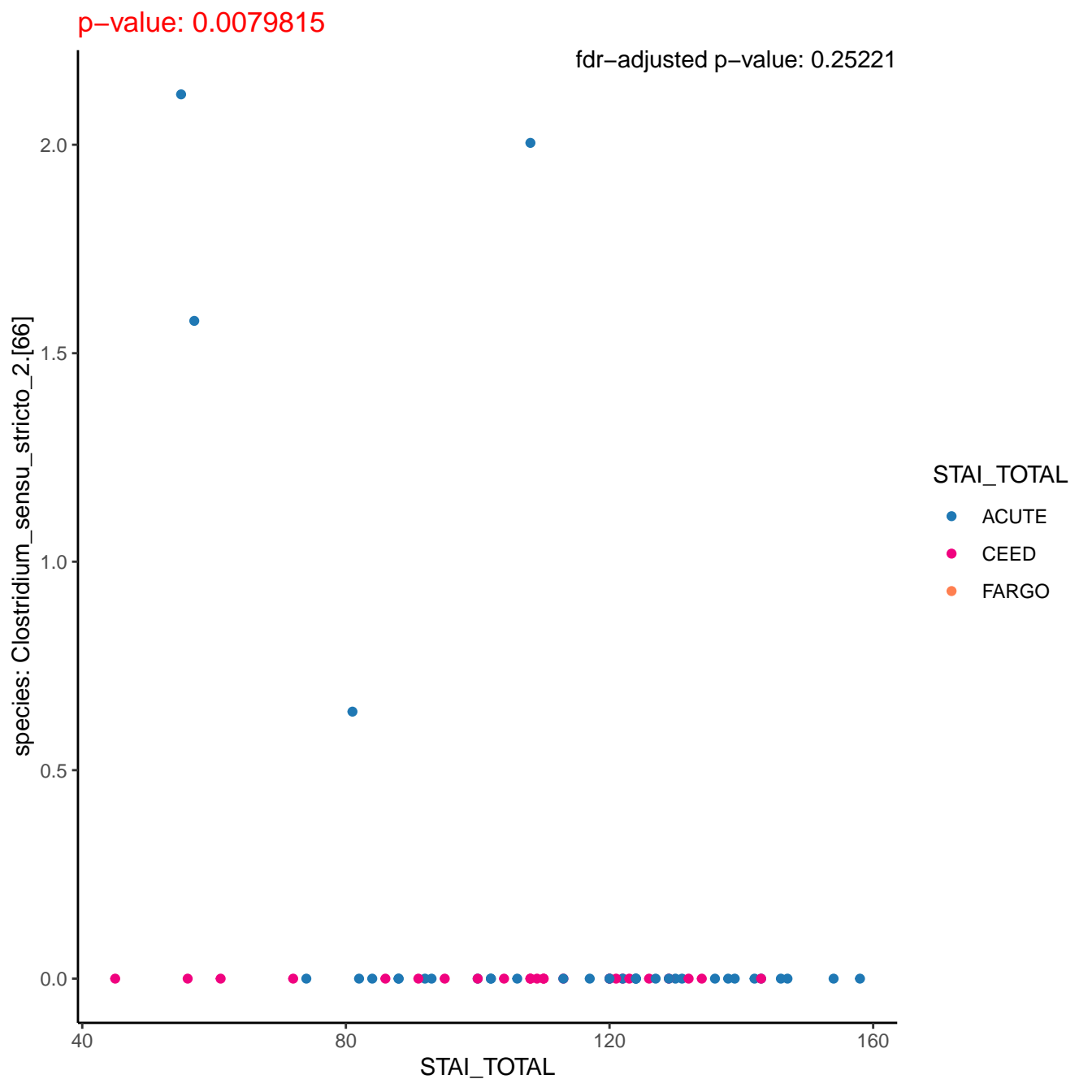
fdr-adjusted p-value: 0.25221

species: Clostridium_sensu_stricto_2.[66]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.010479

fdr-adjusted p-value: 0.25863

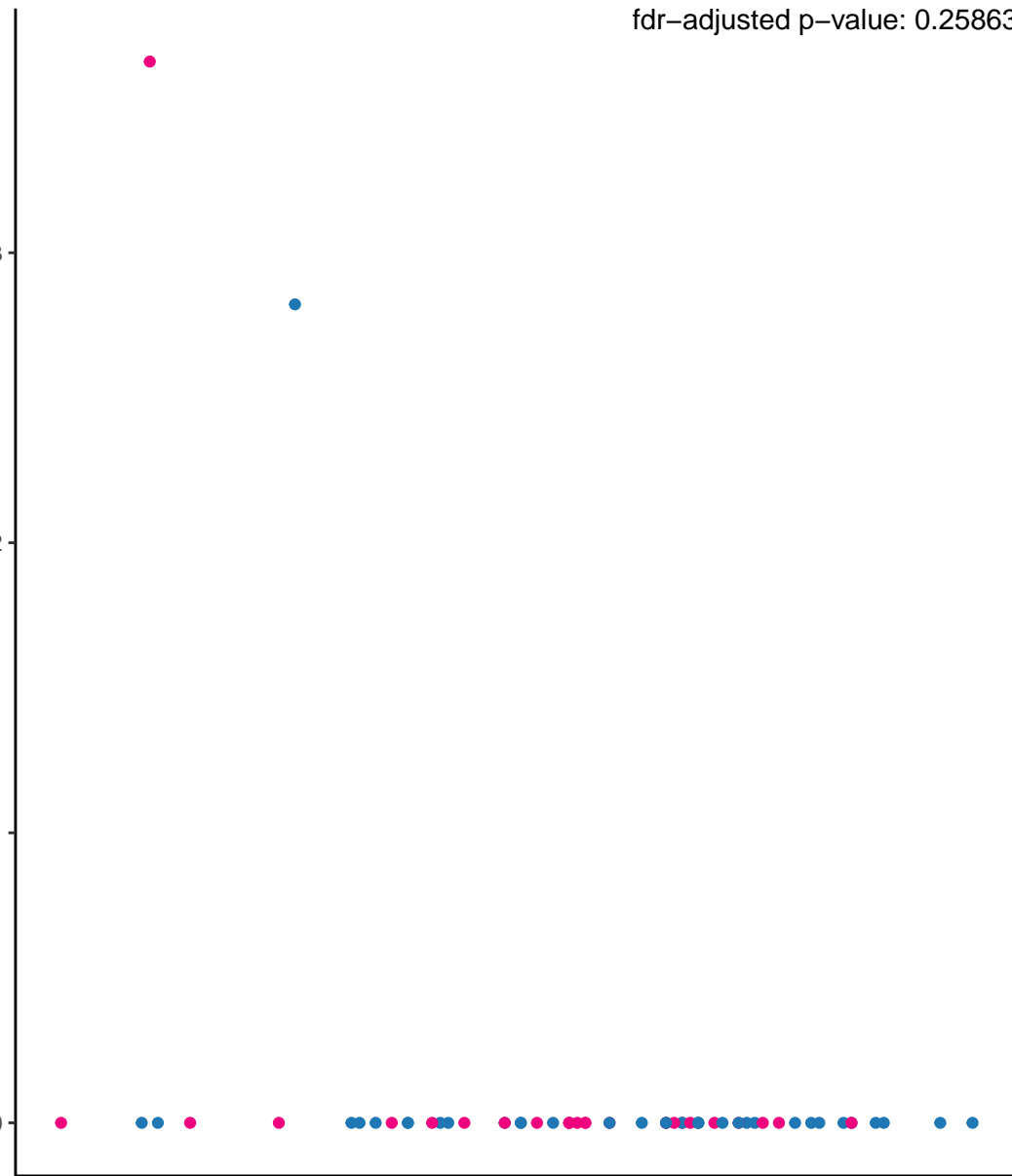
species: Streptococcus_sp.[33]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.011458

fdr-adjusted p-value: 0.25863

species: Parabacteroides.[29]

STAI_TOTAL

ACUTE
CEED
FARGO

STAI_TOTAL

40 80 120 160

3

2

1

0

p-value: 0.014167

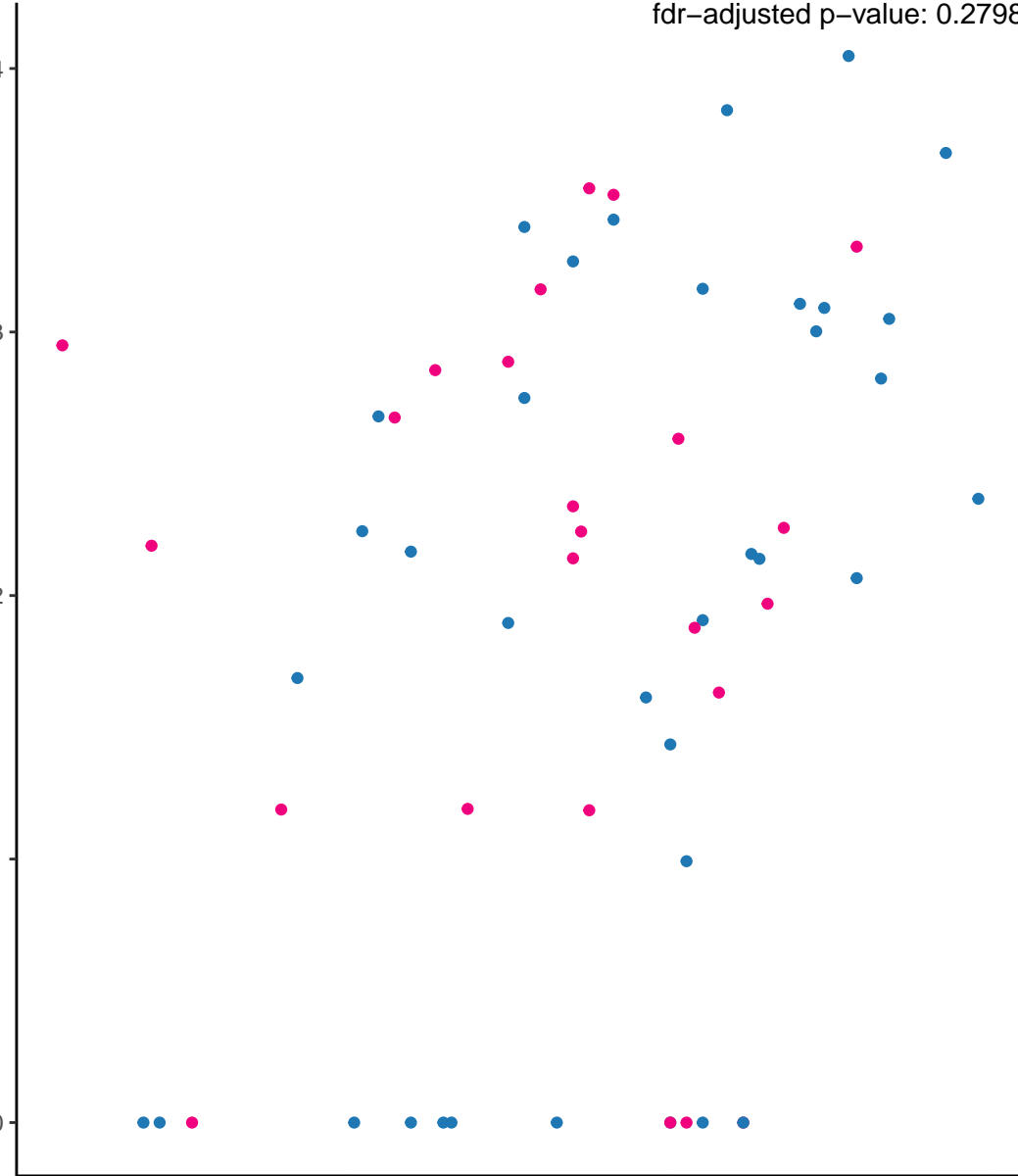
fdr-adjusted p-value: 0.2798

species: g___Collinsella (UB*)[36]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.016308

fdr-adjusted p-value: 0.28224

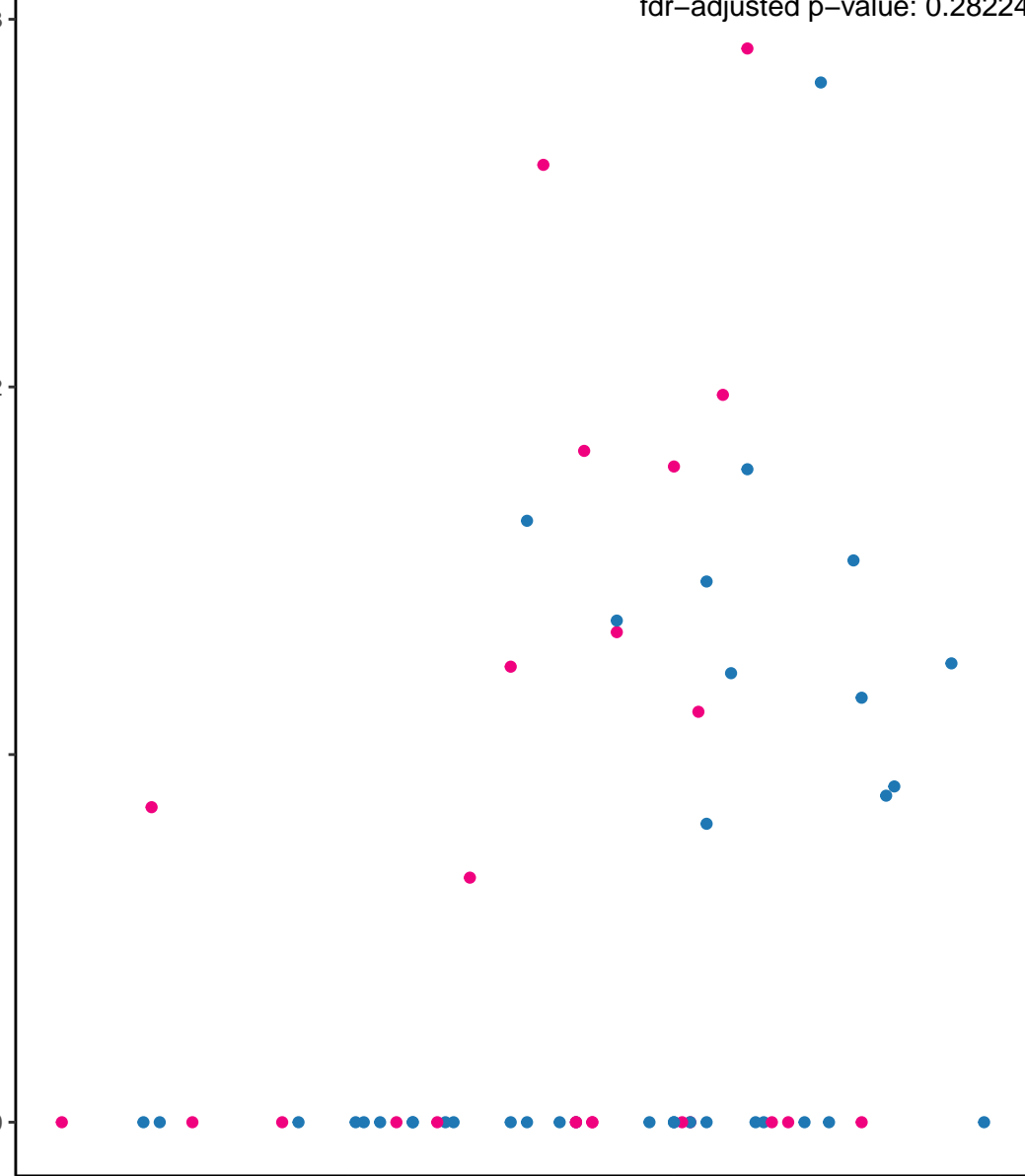
species: Alistipes.[73]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

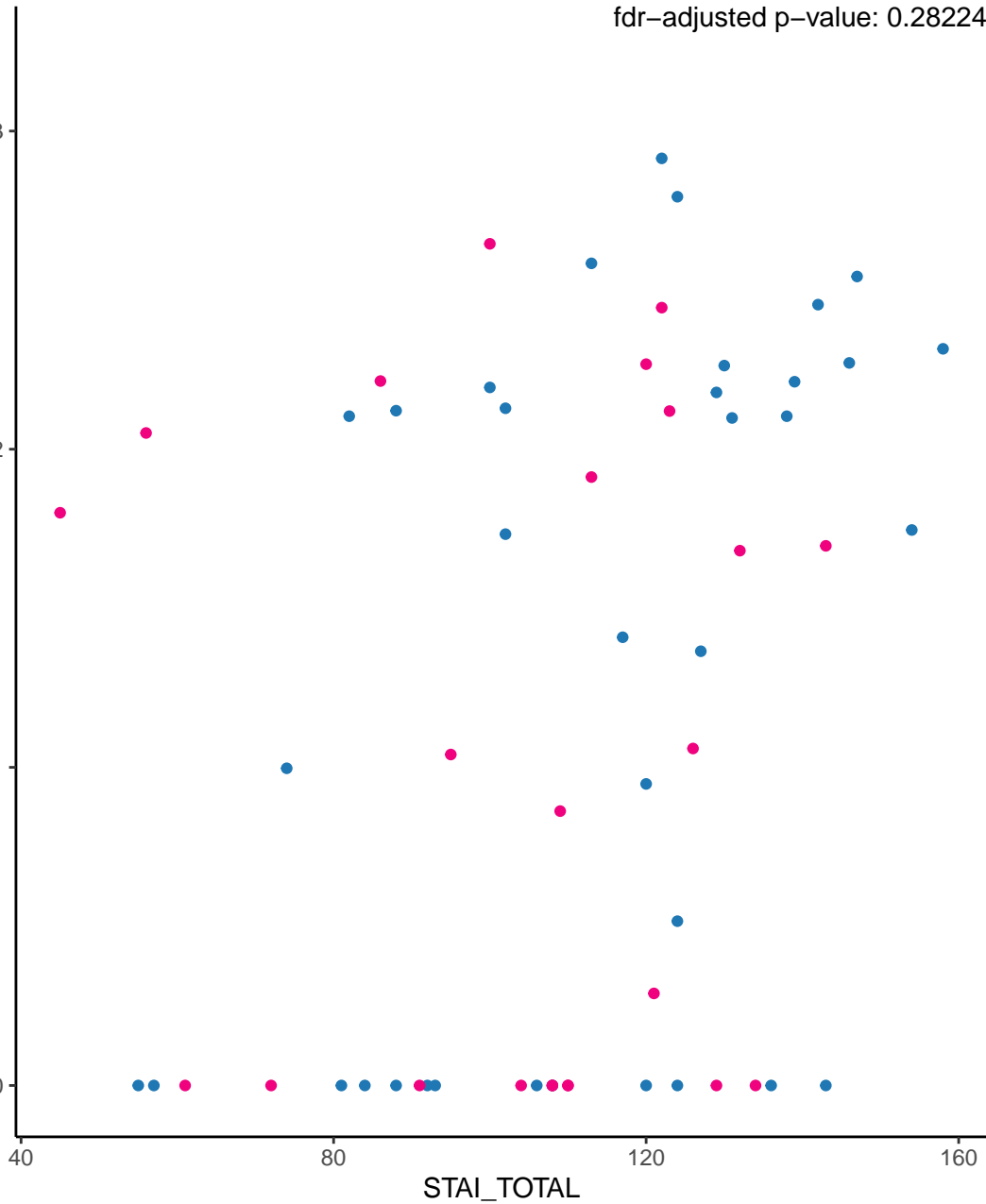
STAI_TOTAL



p-value: 0.019239

fdr-adjusted p-value: 0.28224

species: g__Phascolarctobacterium (UB*)[67]



STAI_TOTAL

- ACUTE
- CEED
- FARGO

p-value: 0.019649

fdr-adjusted p-value: 0.28224

species: g__uncultured (UB*) [61]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0.0 0.5 1.0 1.5 2.0

p-value: 0.028732

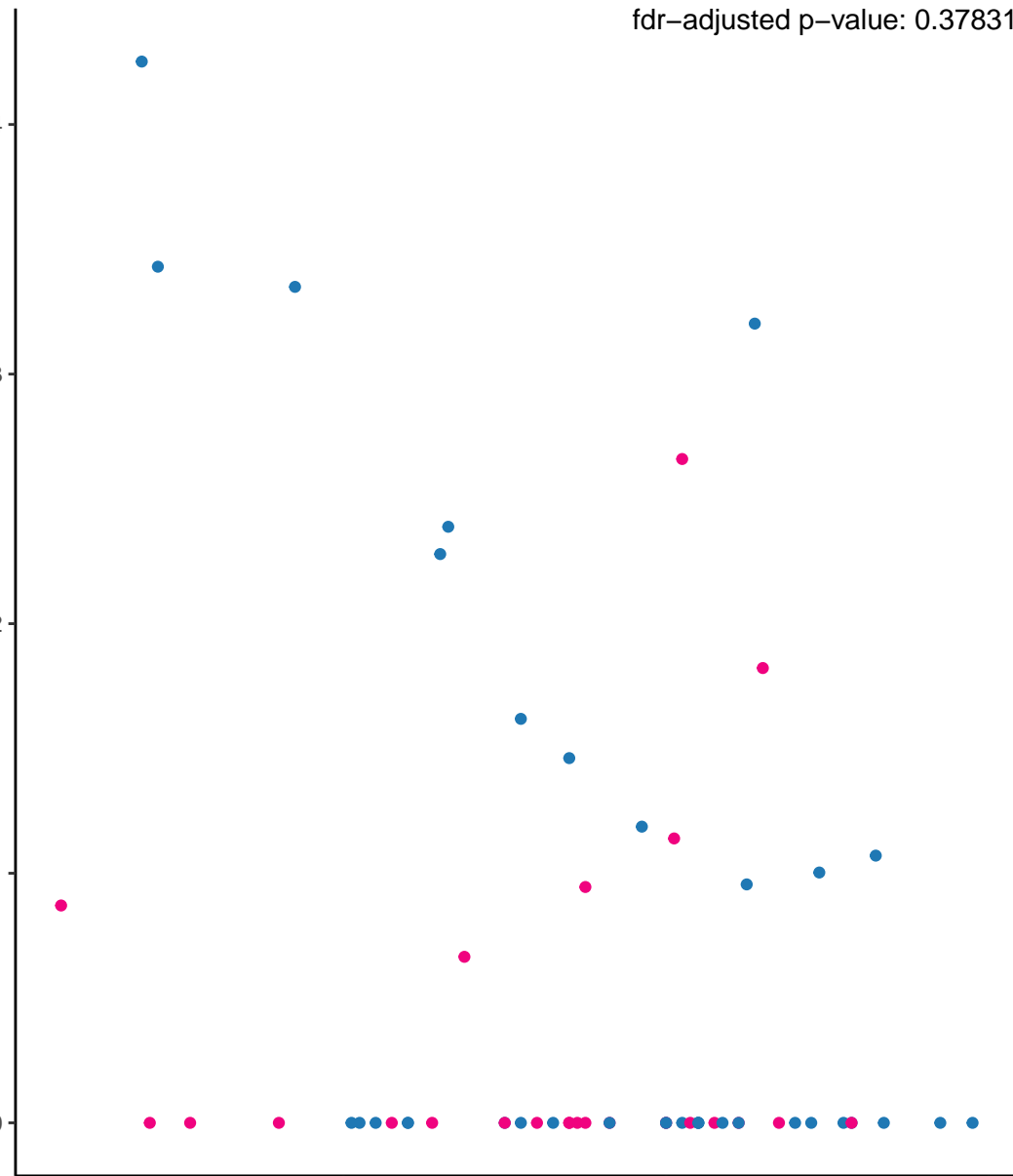
fdr-adjusted p-value: 0.37831

species: Anaerostipes.[92]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.032692

fdr-adjusted p-value: 0.39734

species: g__Alistipes (UB*)[116]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

0

1

2

3

40 80 120 160

p-value: 0.039773

fdr-adjusted p-value: 0.44752

species: *Dysgonomonas*. [139]

STAI_TOTAL

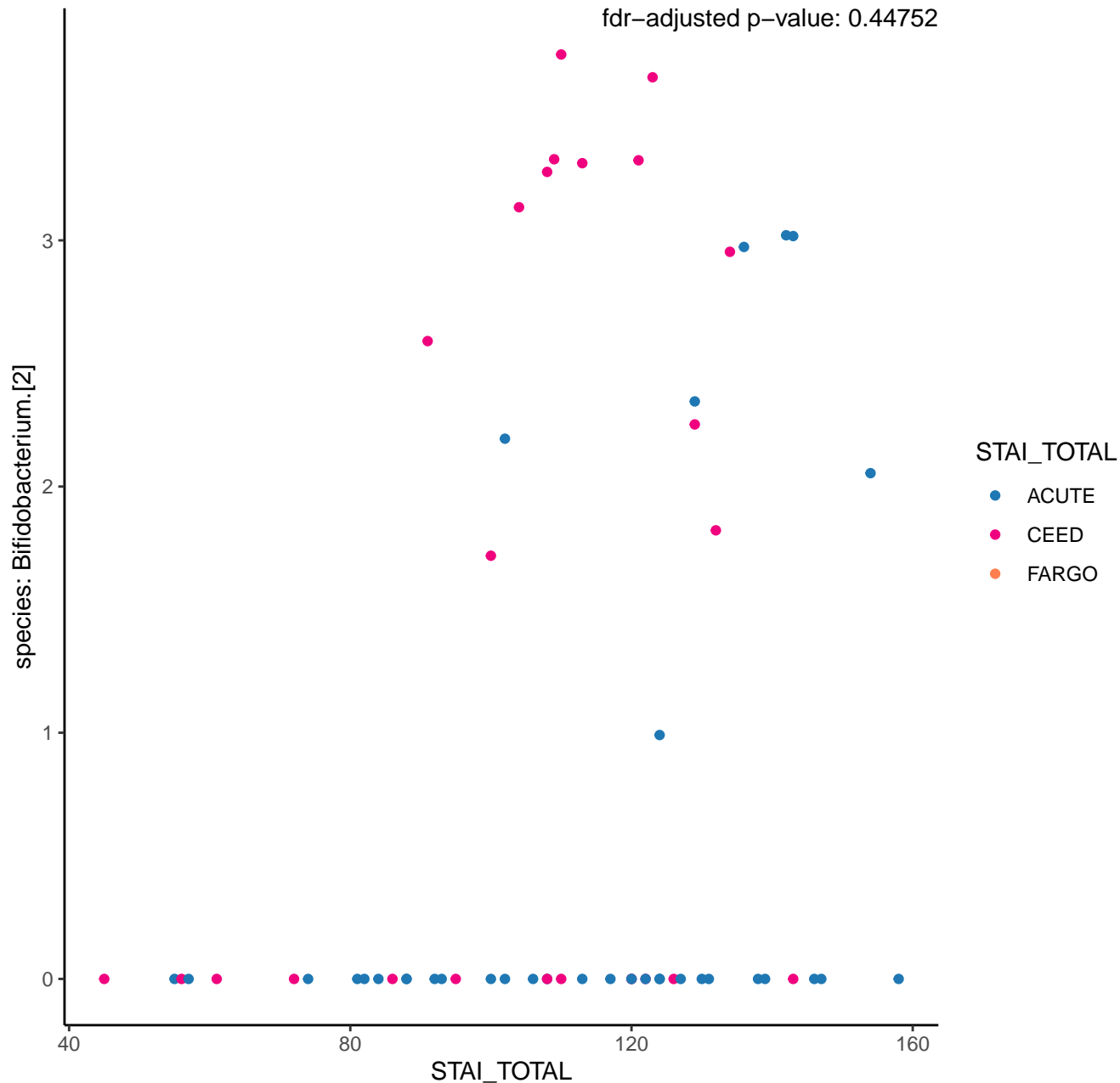
- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.042486

fdr-adjusted p-value: 0.44752



p-value: 0.053738

fdr-adjusted p-value: 0.51429

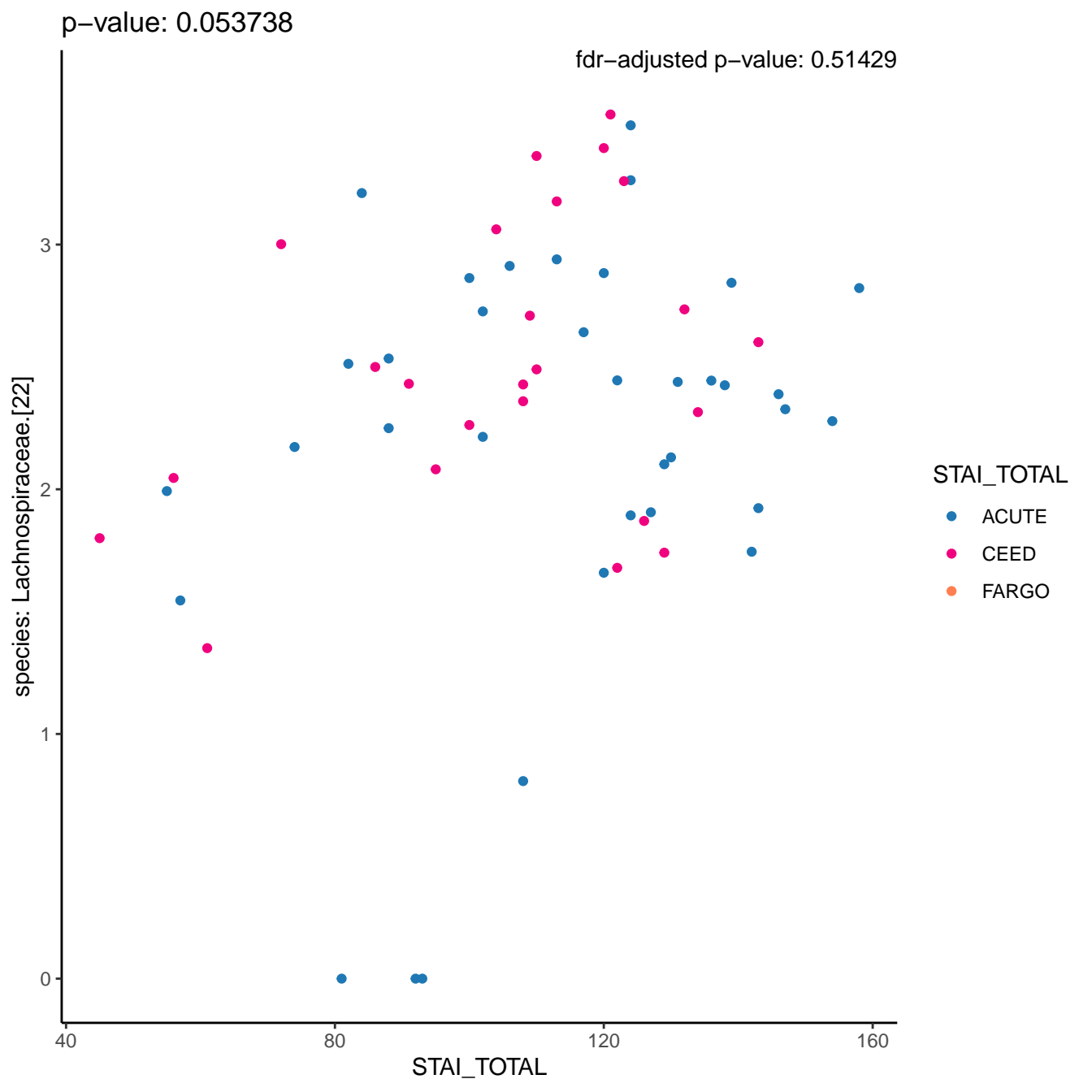
species: Lachnospiraceae.[22]

STAI_TOTAL

● ACUTE
● CEED
● FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.055335

fdr-adjusted p-value: 0.51429

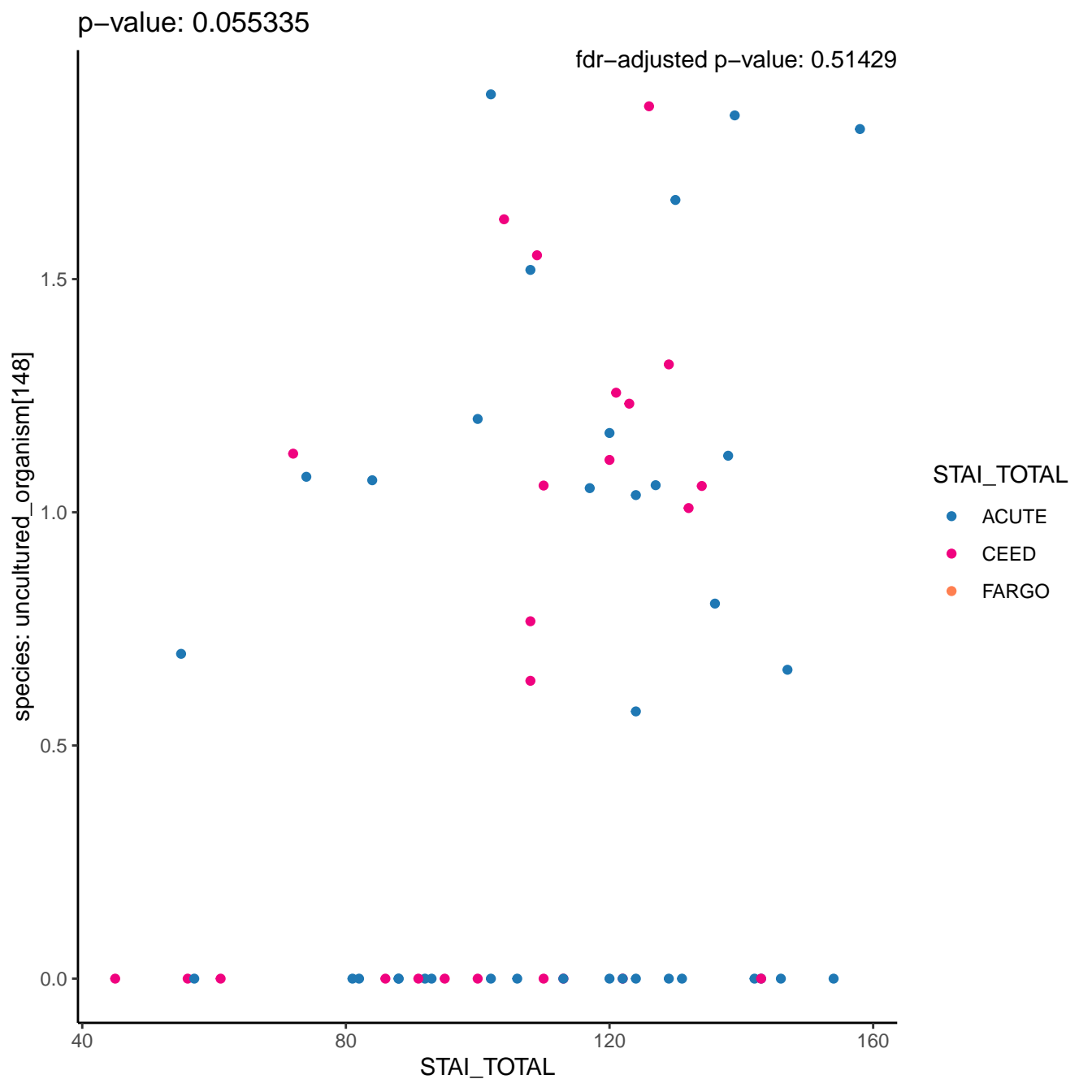
species: uncultured_organism[148]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.064049

fdr-adjusted p-value: 0.5279

species: g__uncultured (UB*)[34]

STAI_TOTAL

● ACUTE
● CEED
● FARGO

40 80 120 160

STAI_TOTAL

0

1

2

p-value: 0.068608

fdr-adjusted p-value: 0.5279

species: g__Roseburia (UB*)[19]

STAI_TOTAL

ACUTE
CEED
FARGO

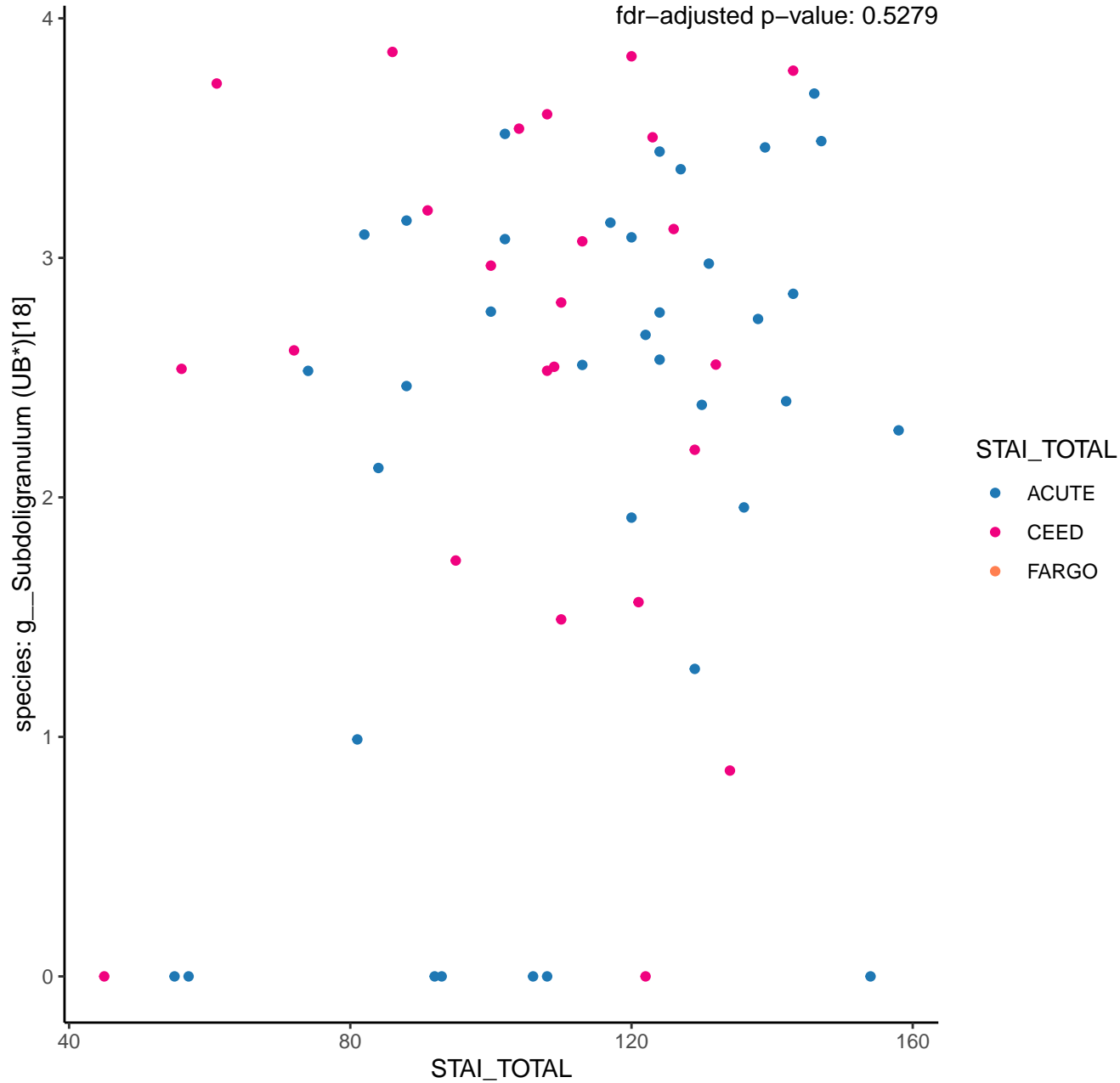
STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.069453

fdr-adjusted p-value: 0.5279



p-value: 0.073982

fdr-adjusted p-value: 0.5279

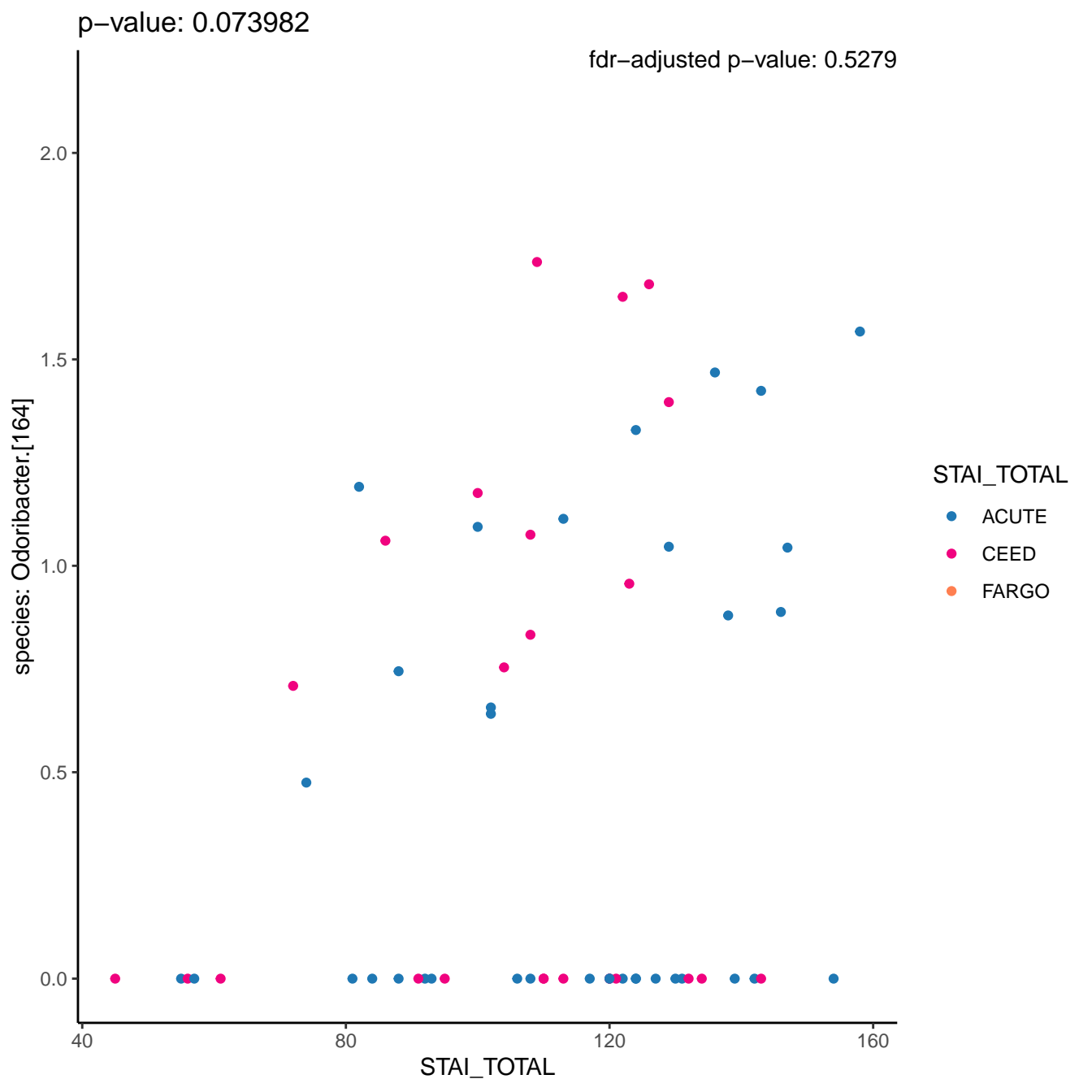
species: Odoribacter.[164]

STAI_TOTAL

ACUTE
CEED
FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.076306

fdr-adjusted p-value: 0.5279

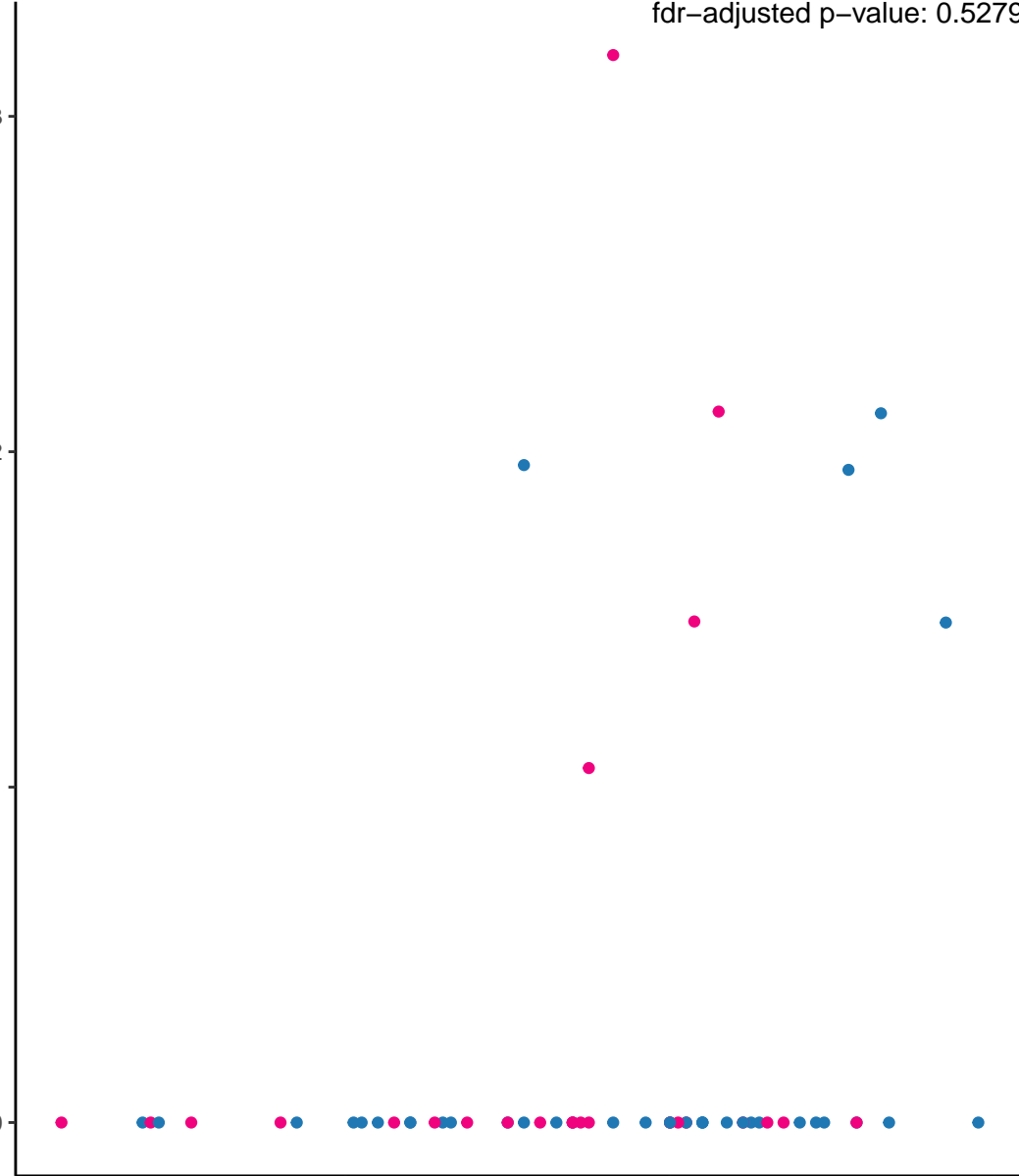
species: g__uncultured (UB*)[102]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.076846

fdr-adjusted p-value: 0.5279

species: g__Veillonella (UB*)[30]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.11043

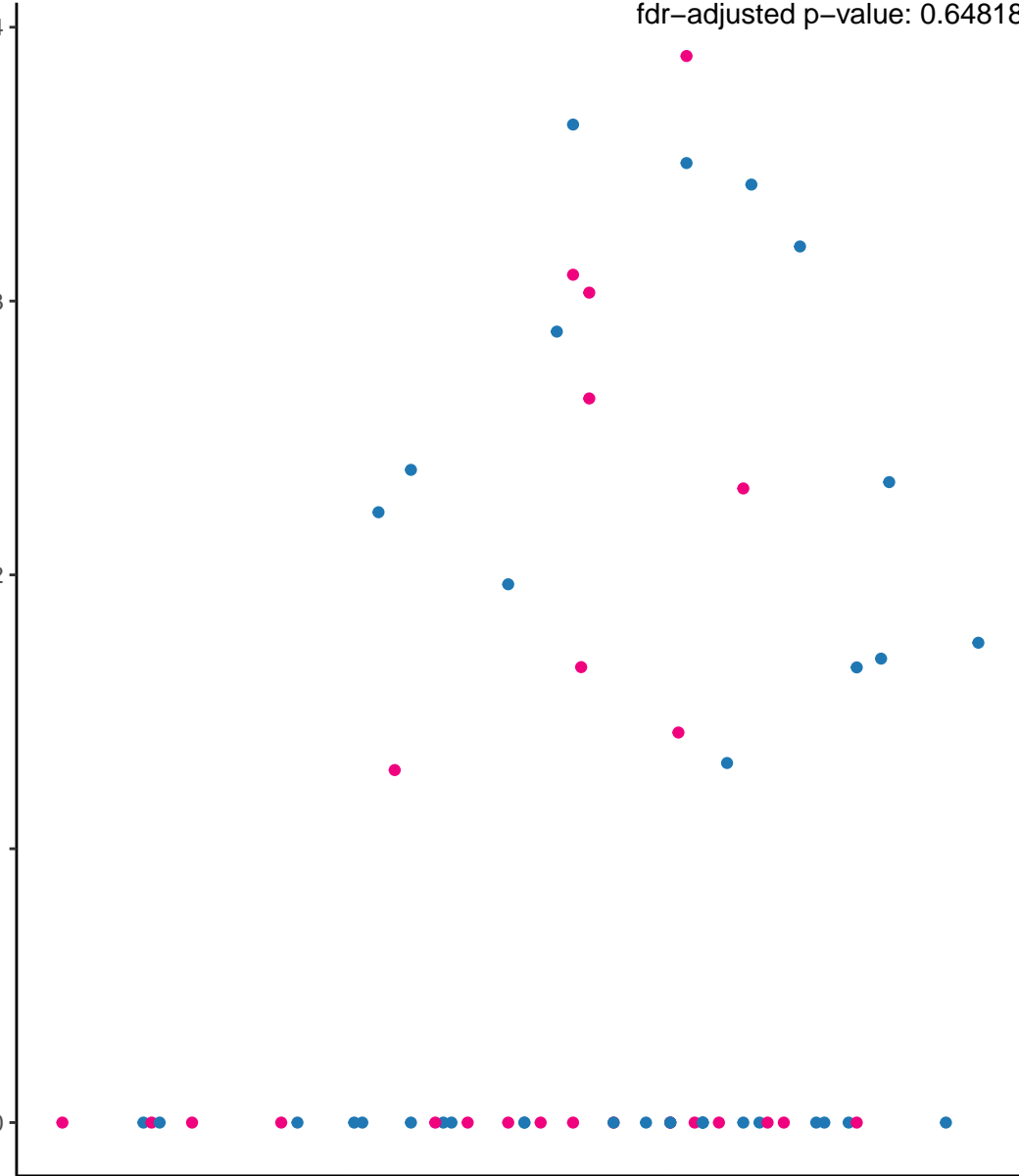
fdr-adjusted p-value: 0.64818

species: Bacteroides.[37]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.11334

fdr-adjusted p-value: 0.64818

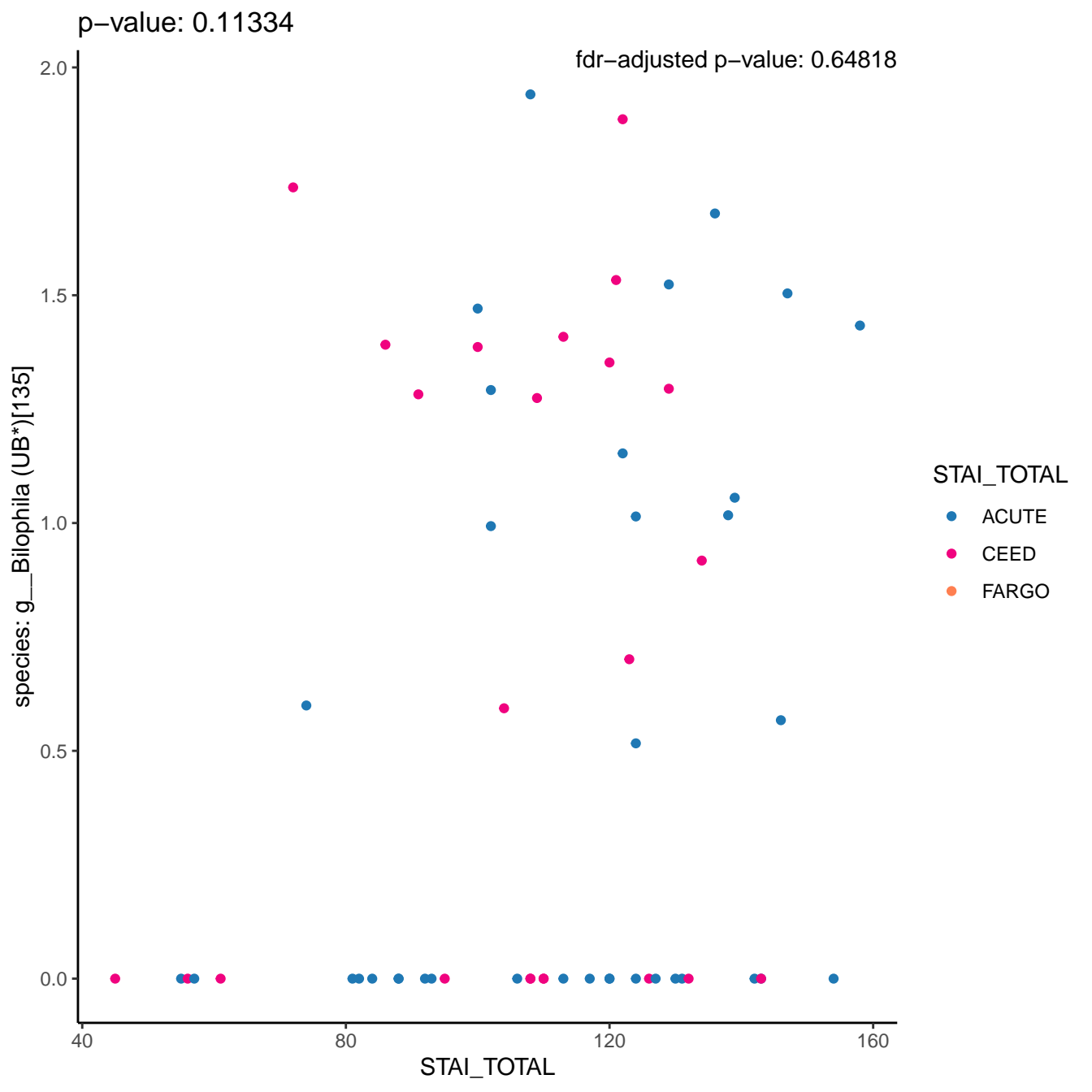
species: g__Bilophila (UB*)[135]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.11401

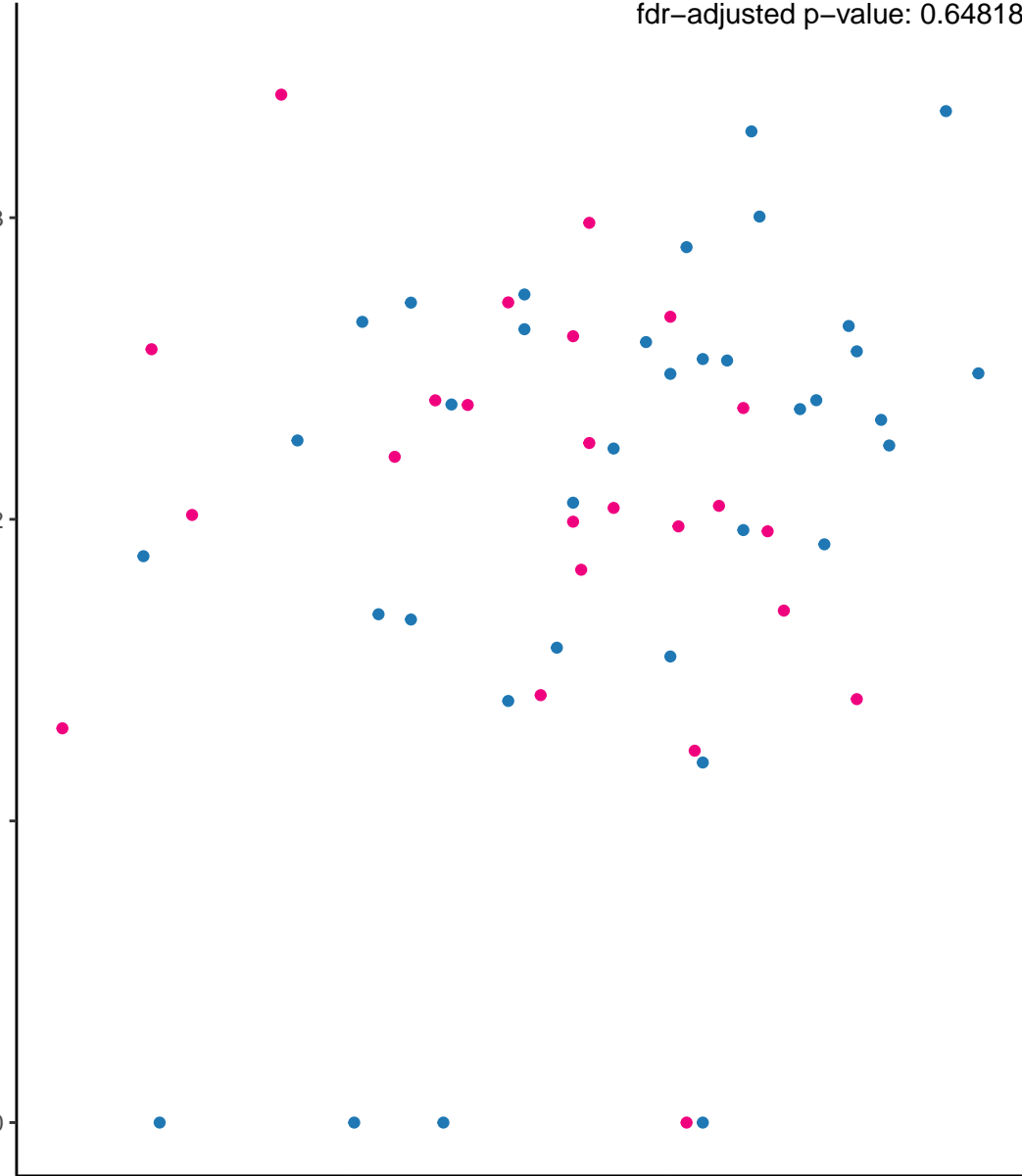
fdr-adjusted p-value: 0.64818

species: g__Incertae_Sedis (UB*)[76]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.11632

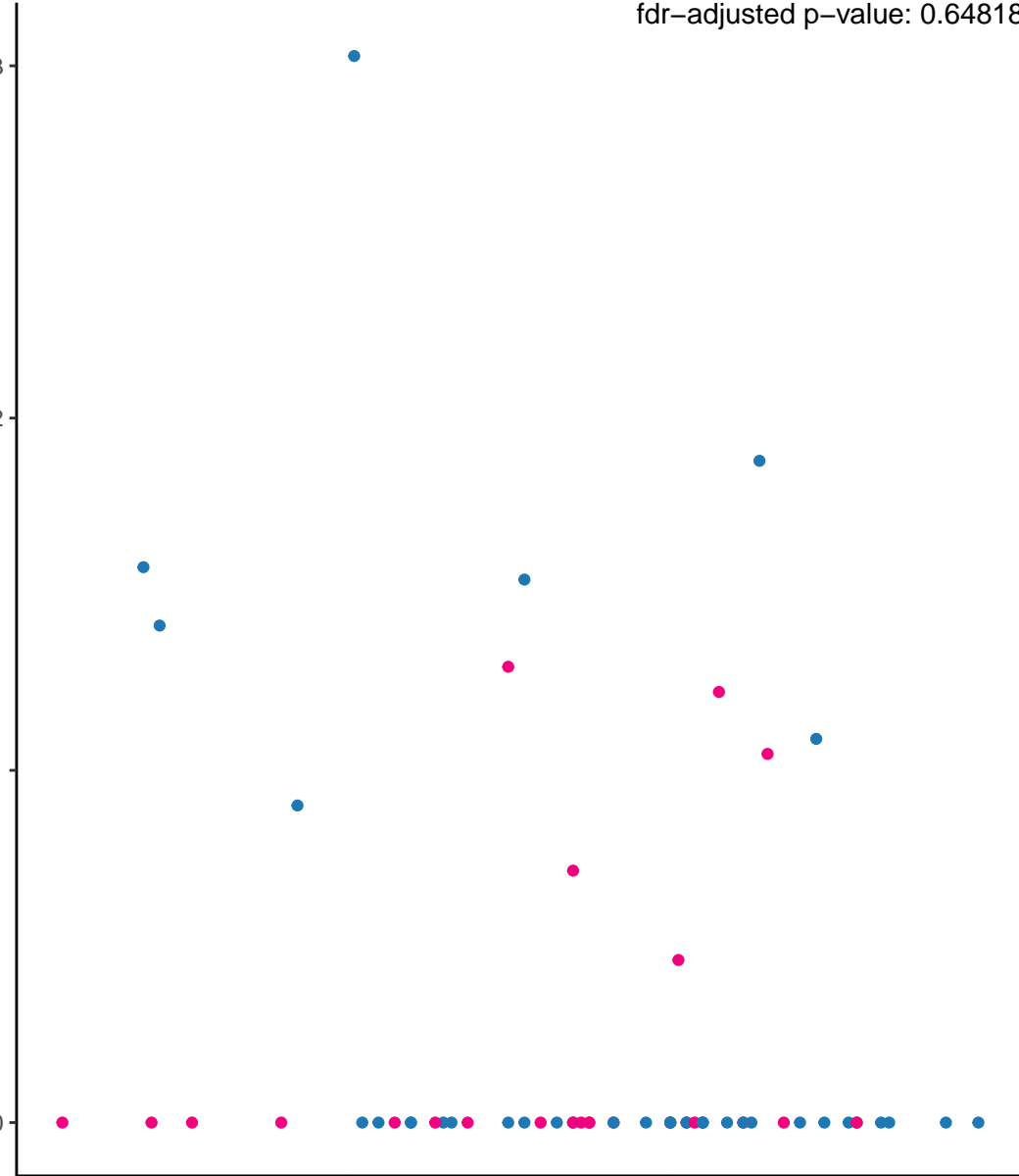
fdr-adjusted p-value: 0.64818

species: Slackia.[172]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.1229

fdr-adjusted p-value: 0.64818

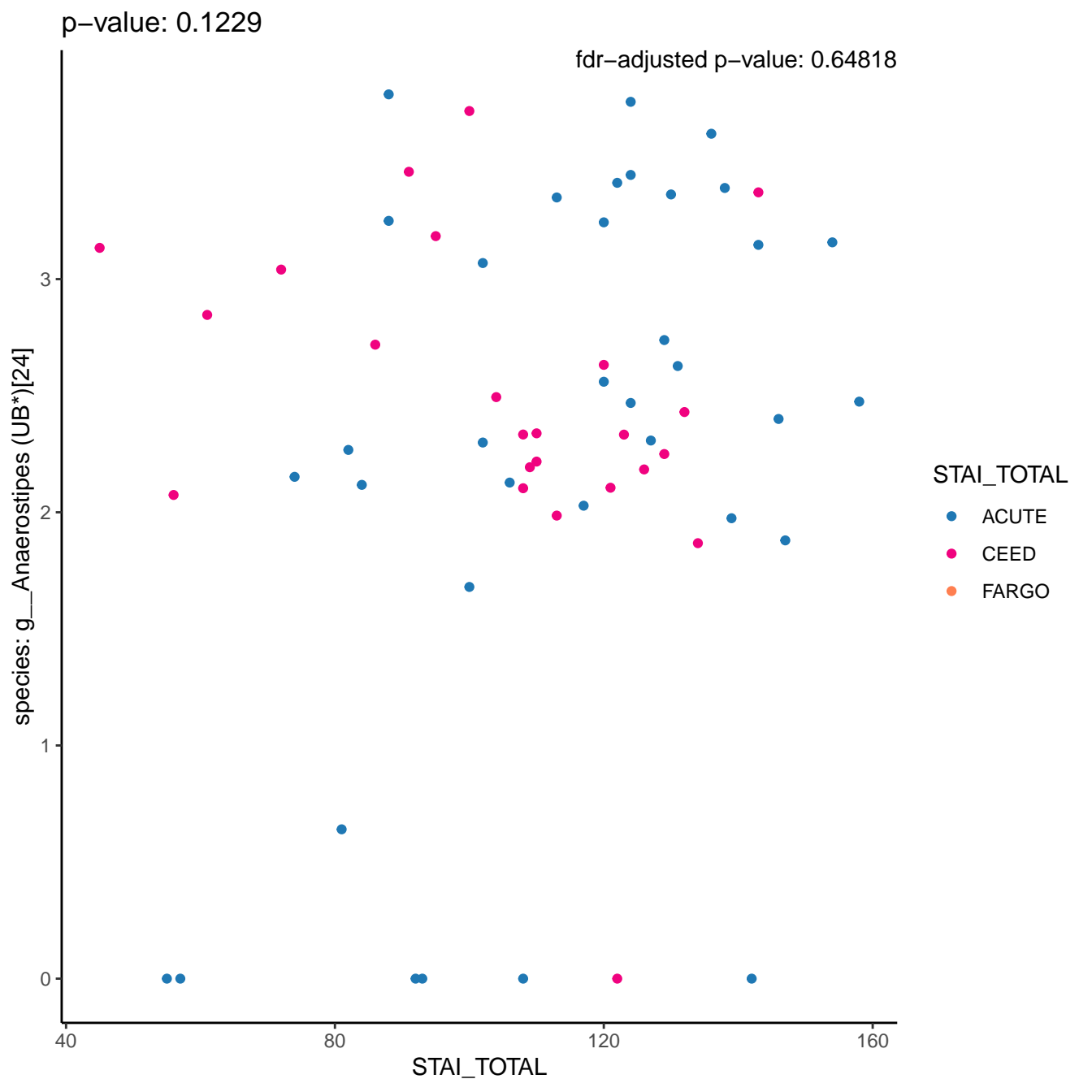
species: g__Anaerostipes (UB*)[24]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.12509

fdr-adjusted p-value: 0.64818

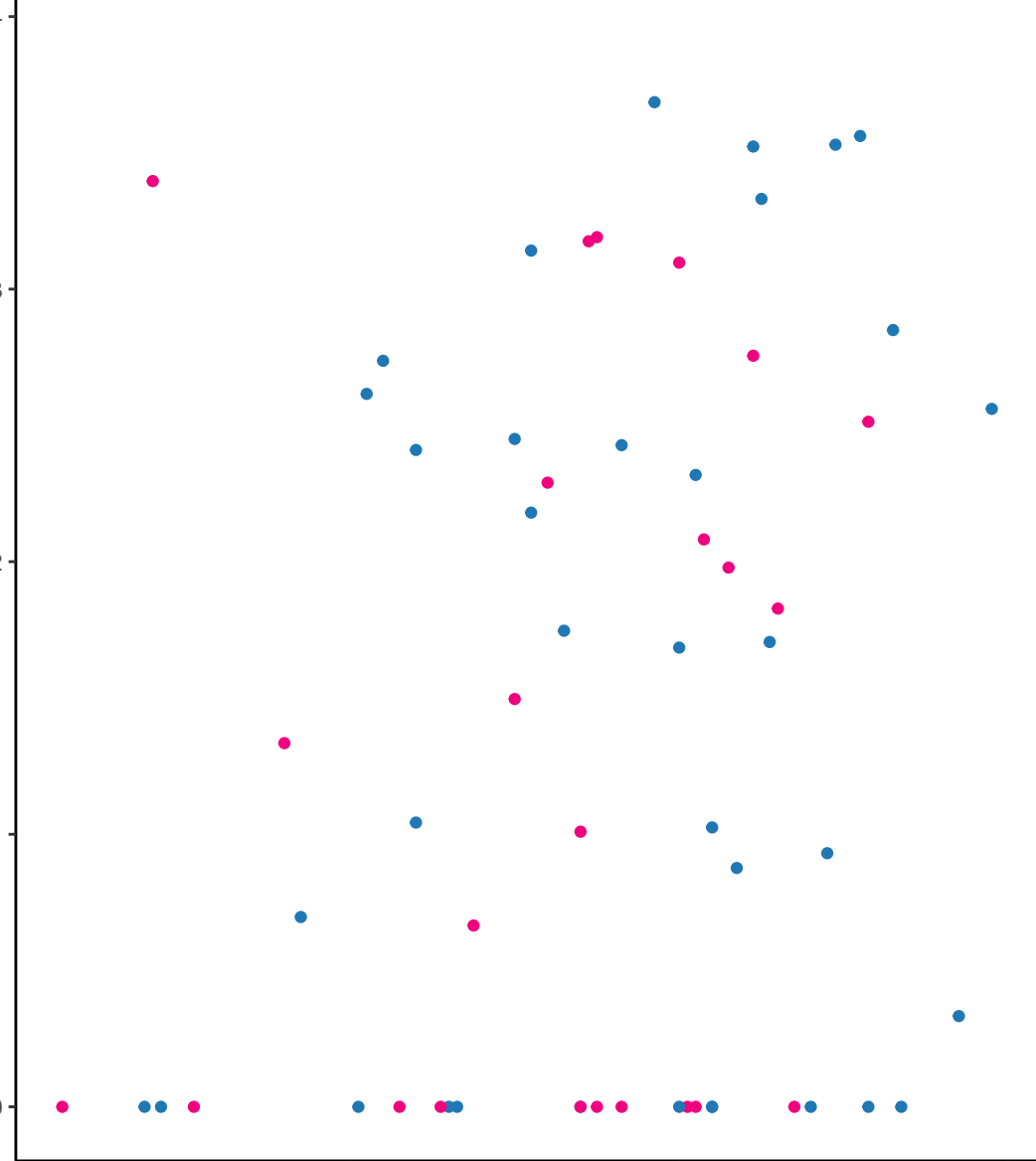
species: g__Akkermansia (UB*)[23]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

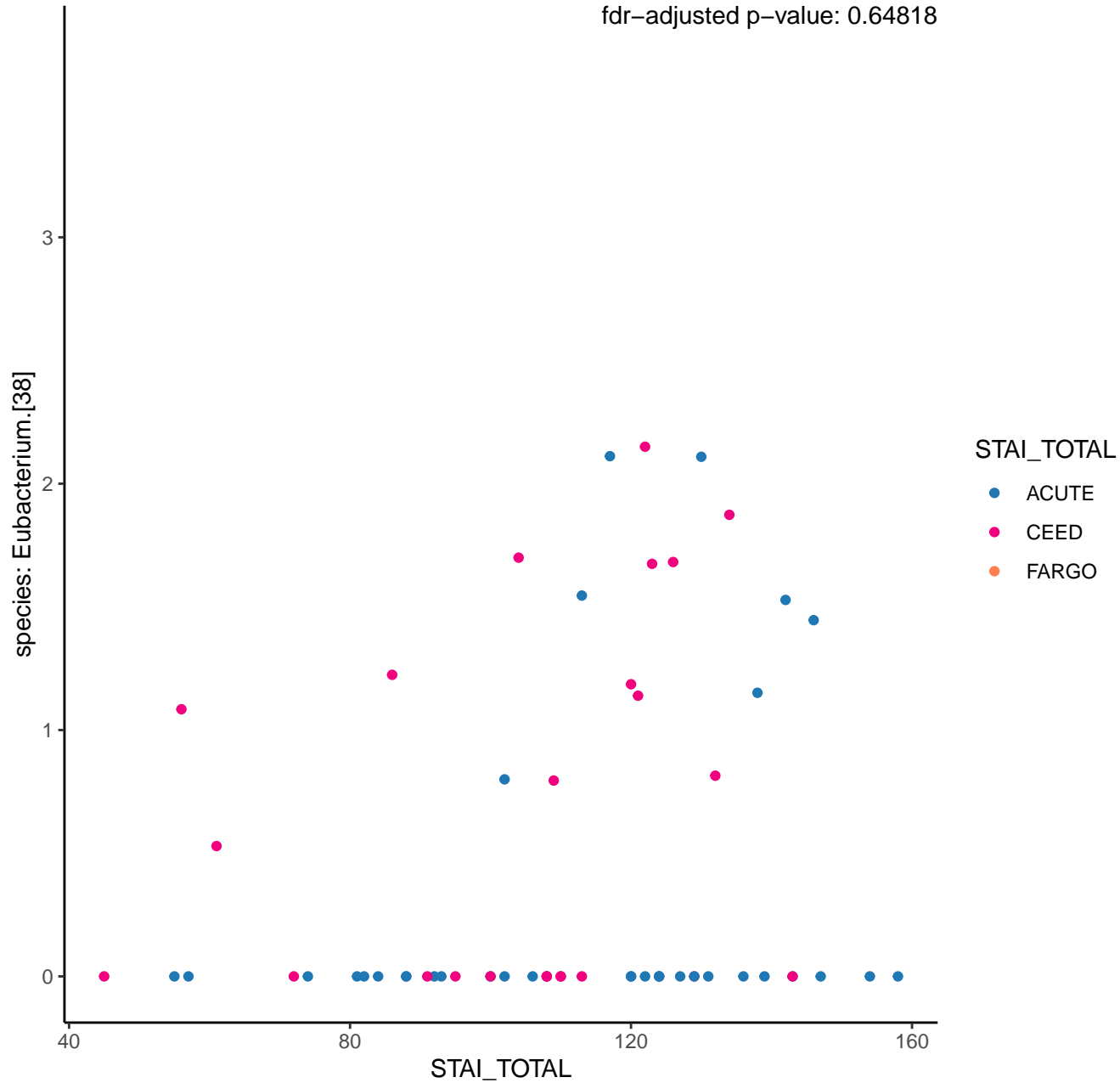
40 80 120 160

STAI_TOTAL



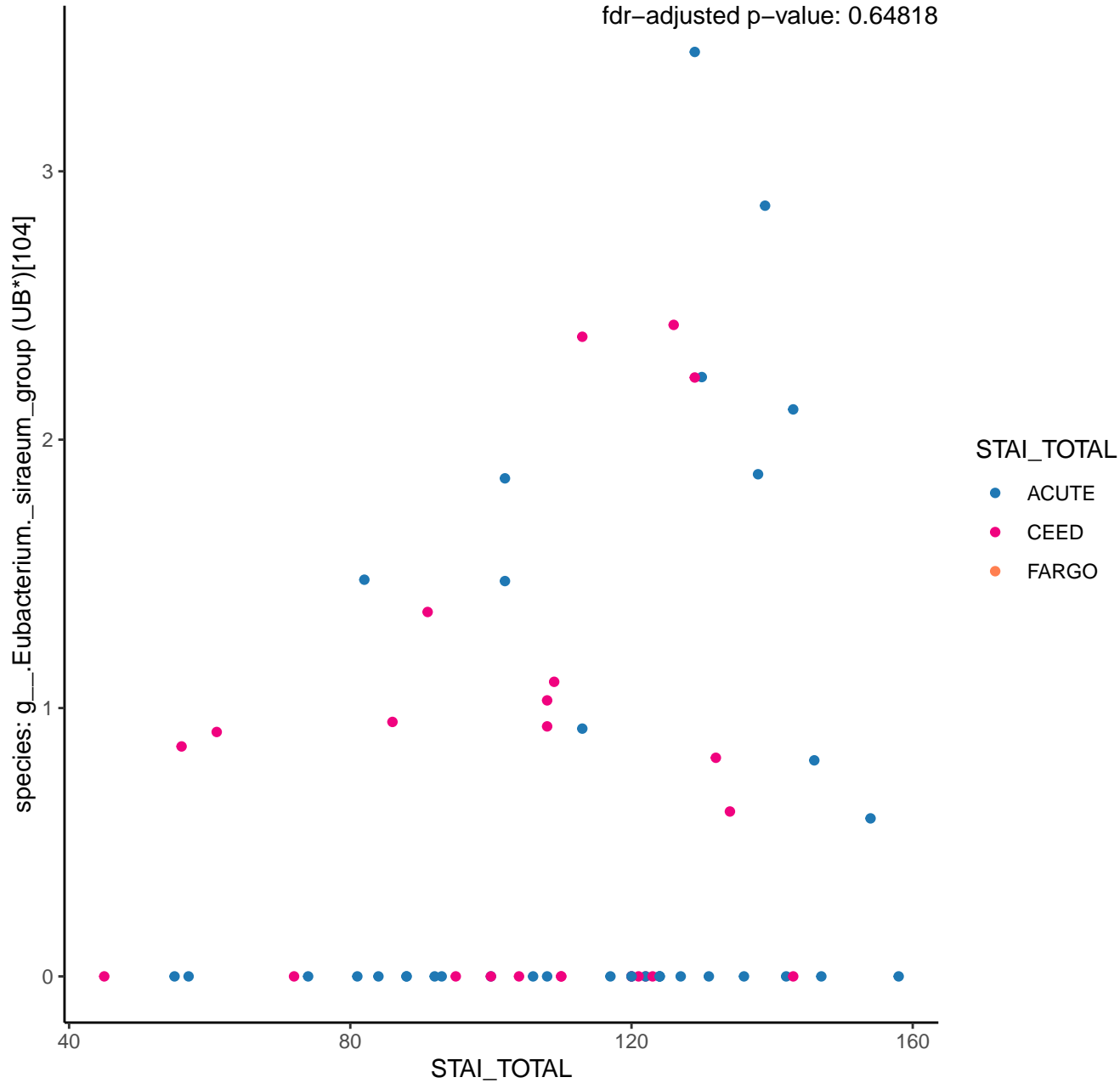
p-value: 0.12573

fdr-adjusted p-value: 0.64818



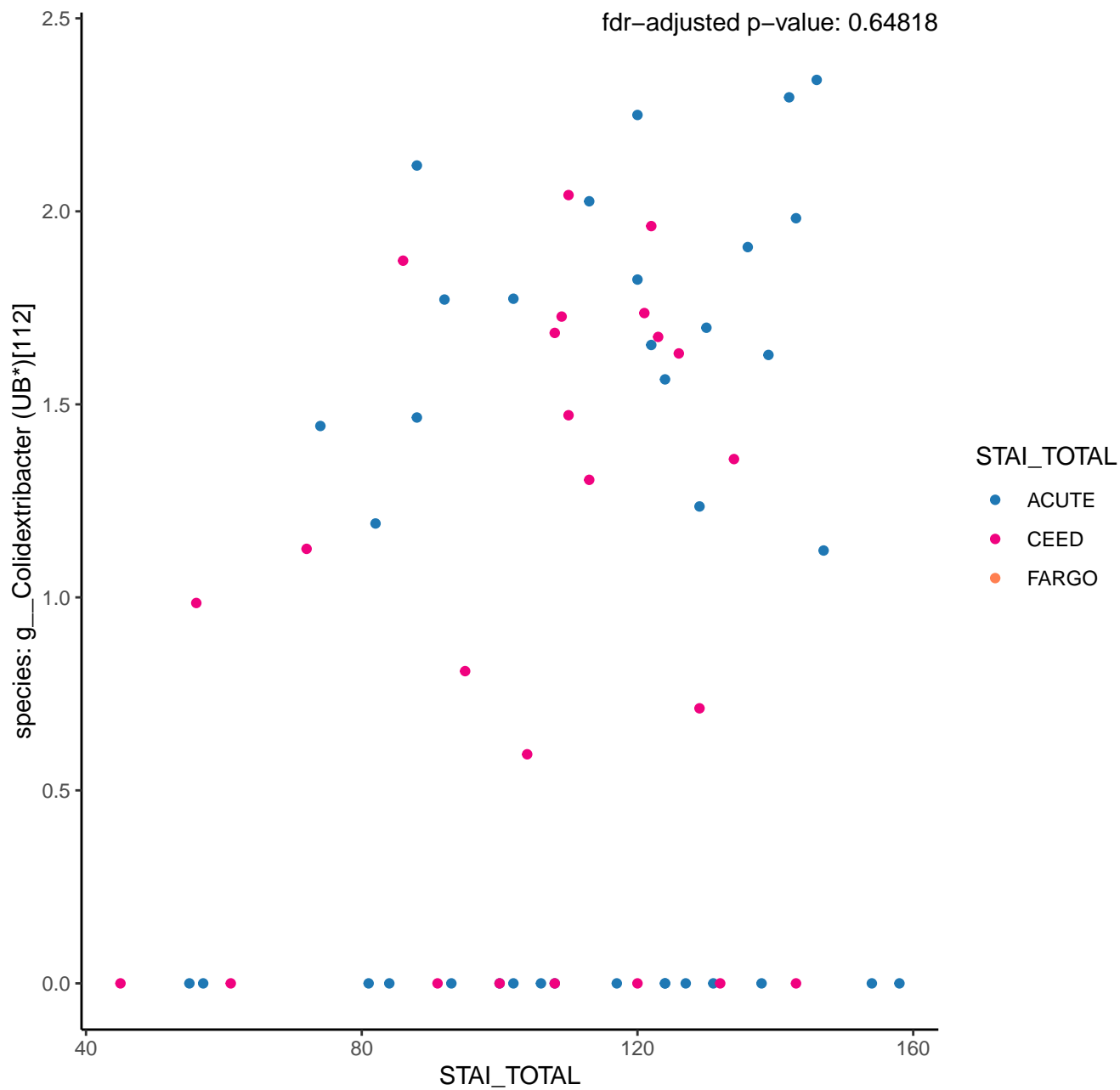
p-value: 0.12976

fdr-adjusted p-value: 0.64818



p-value: 0.13128

fdr-adjusted p-value: 0.64818



p-value: 0.147

fdr-adjusted p-value: 0.65995

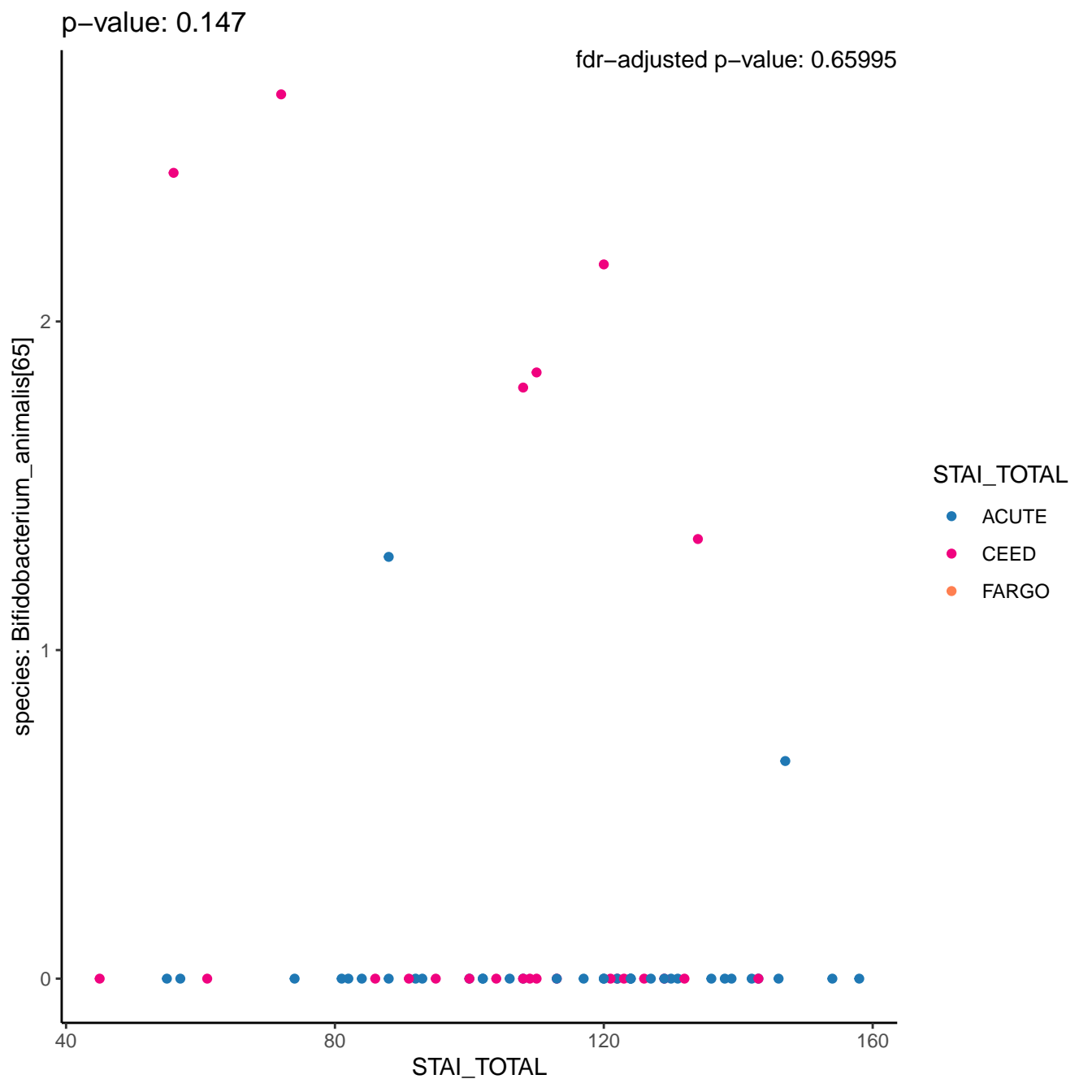
species: Bifidobacterium_animalis[65]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.15231

fdr-adjusted p-value: 0.65995

species: *Barnesiella*.[1]

STAI_TOTAL

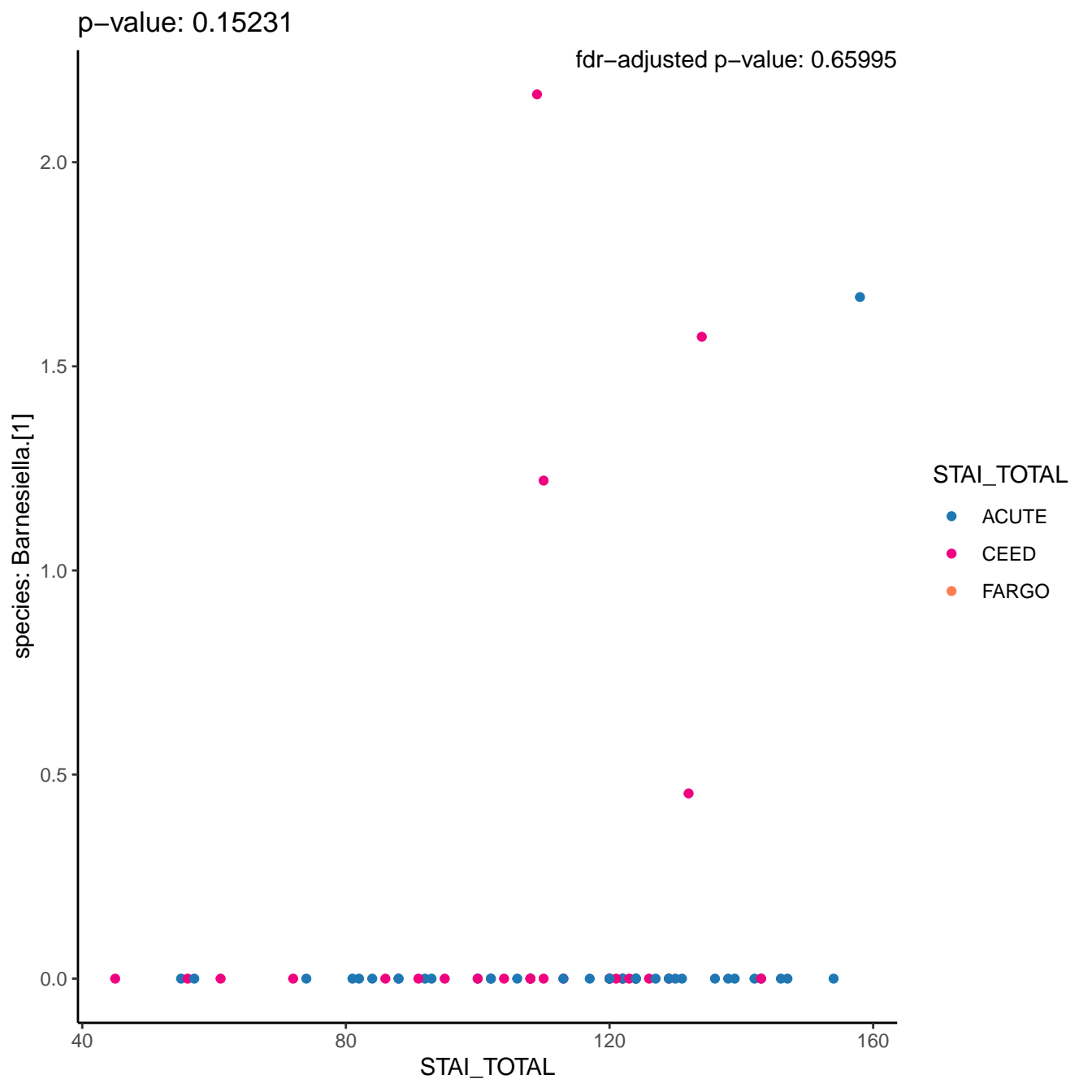
● ACUTE

● CEED

● FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.15616

fdr-adjusted p-value: 0.65995

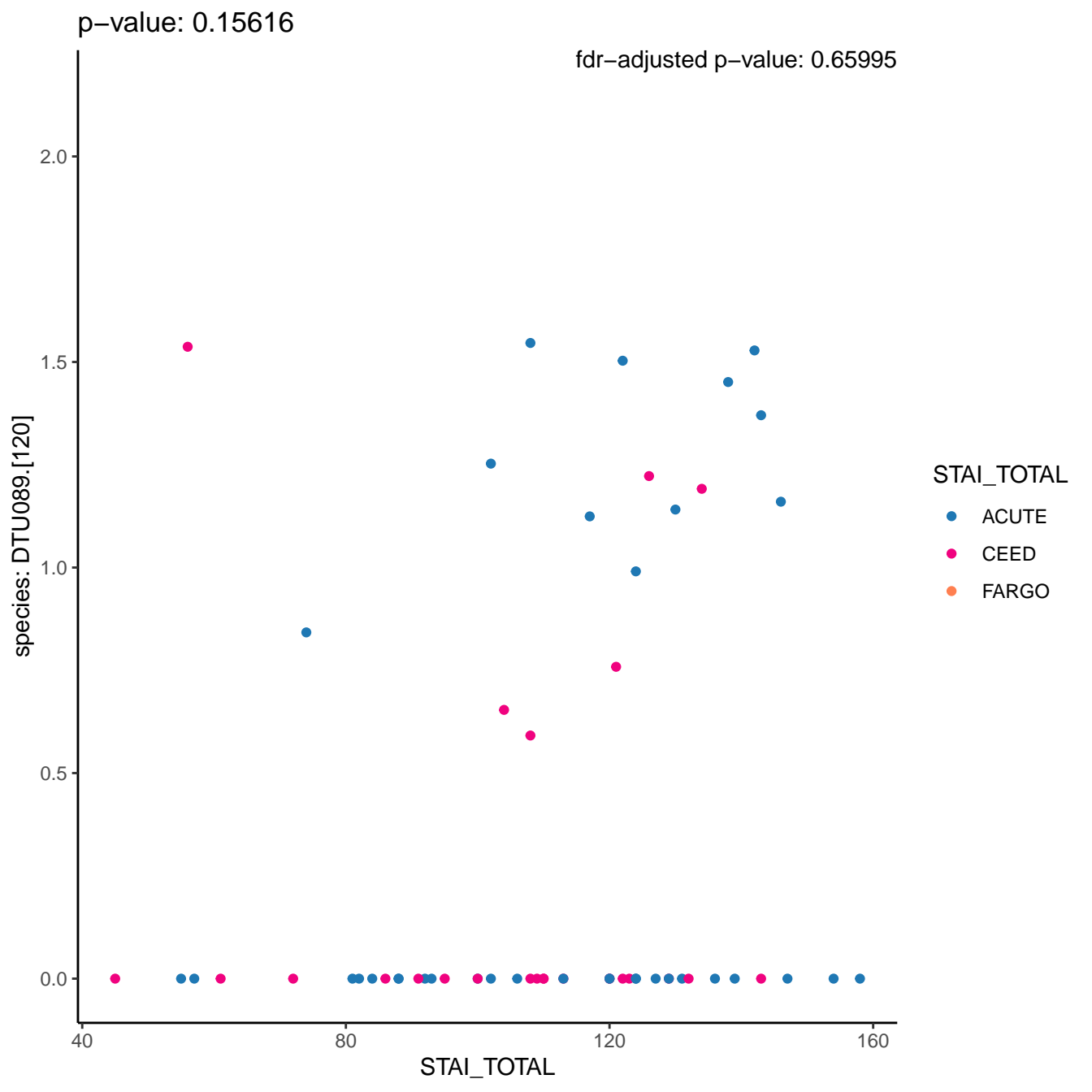
species: DTU089.[120]

STAI_TOTAL

ACUTE
CEED
FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.15962

fdr-adjusted p-value: 0.65995

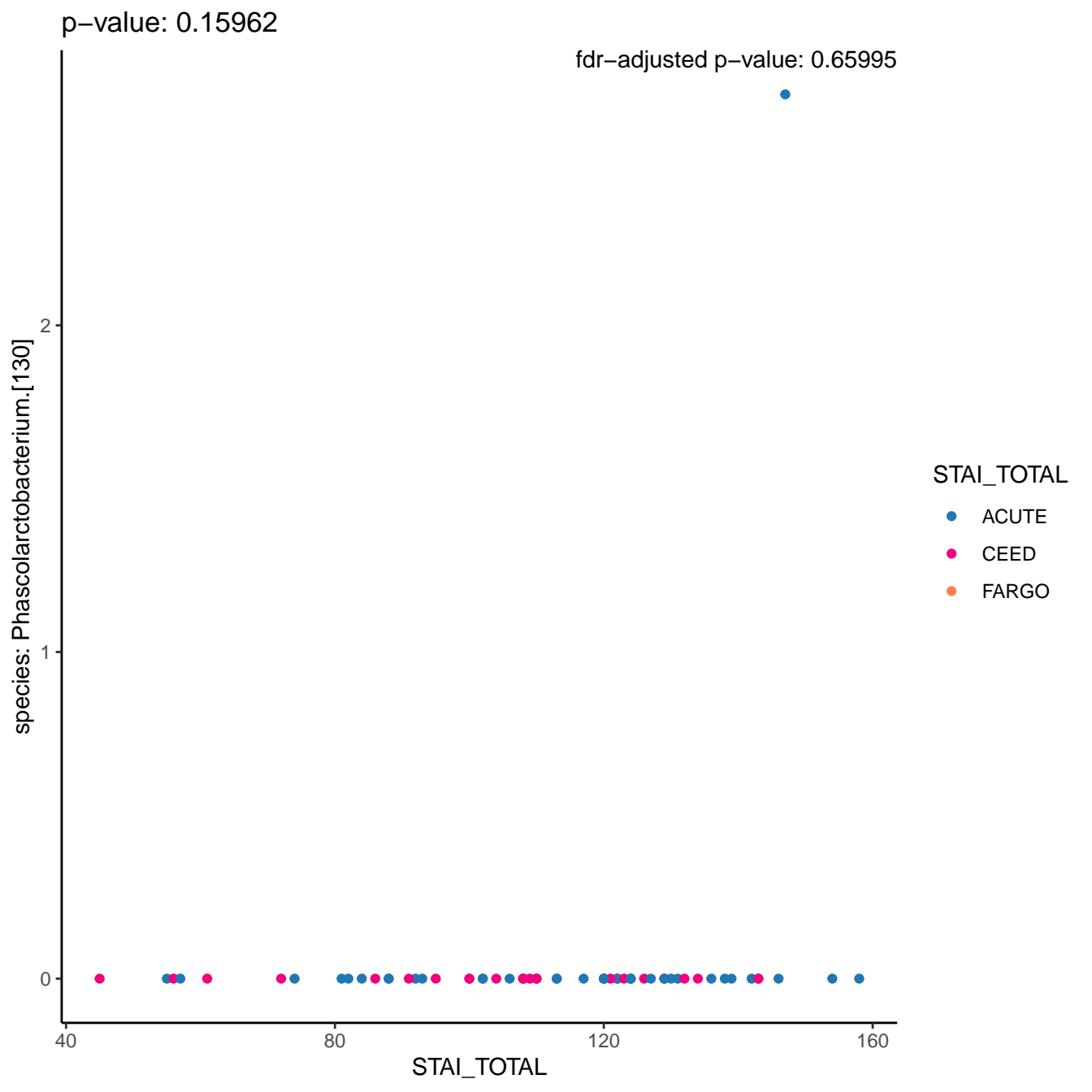
species: Phascolarctobacterium.[130]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.16323

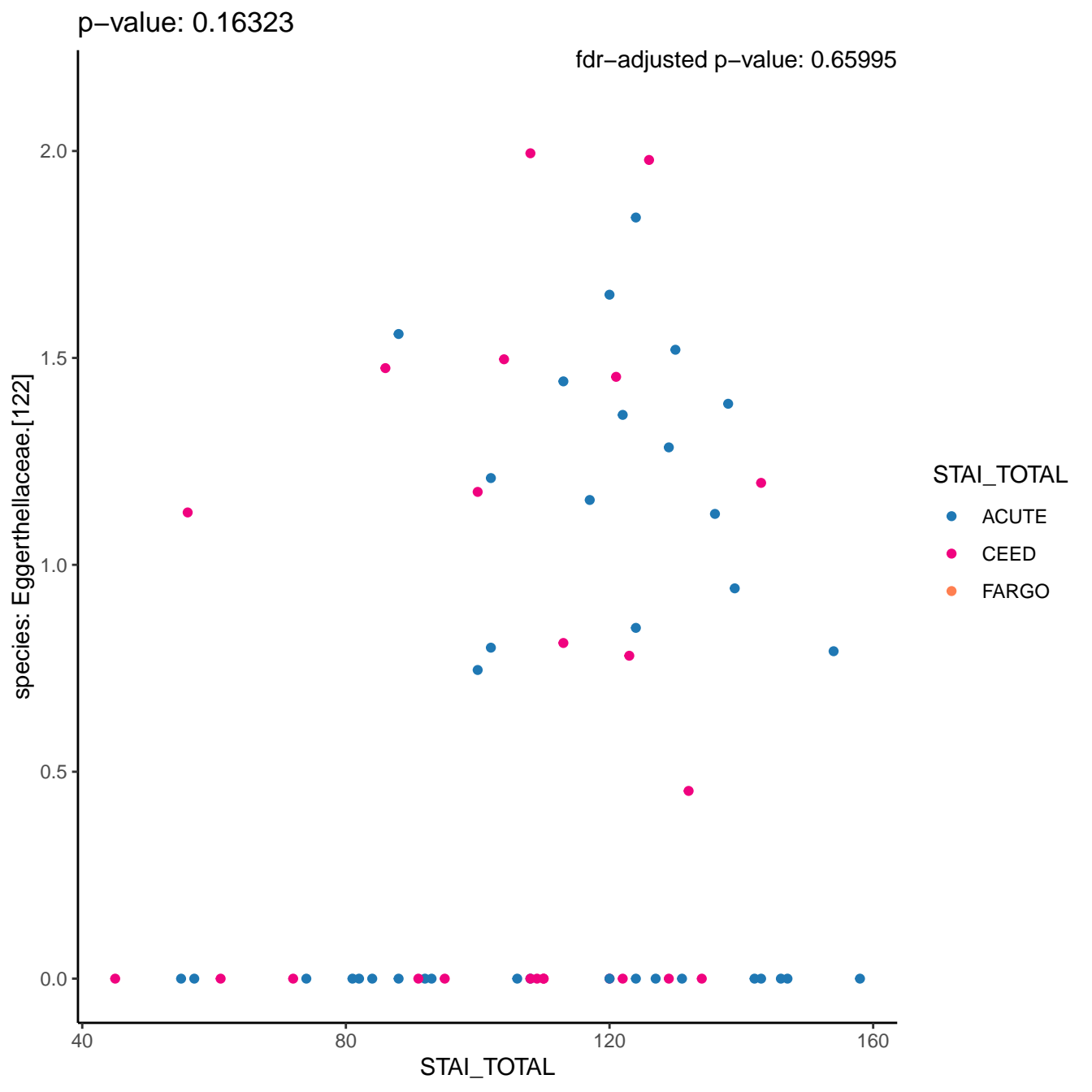
fdr-adjusted p-value: 0.65995

species: Eggerthellaceae.[122]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.16387

fdr-adjusted p-value: 0.65995

species: g__Sellimonas (UB*)[125]

STAI_TOTAL

ACUTE
CEED
FARGO

40 80 120 160

STAI_TOTAL

0 1 2

p-value: 0.16515

fdr-adjusted p-value: 0.65995

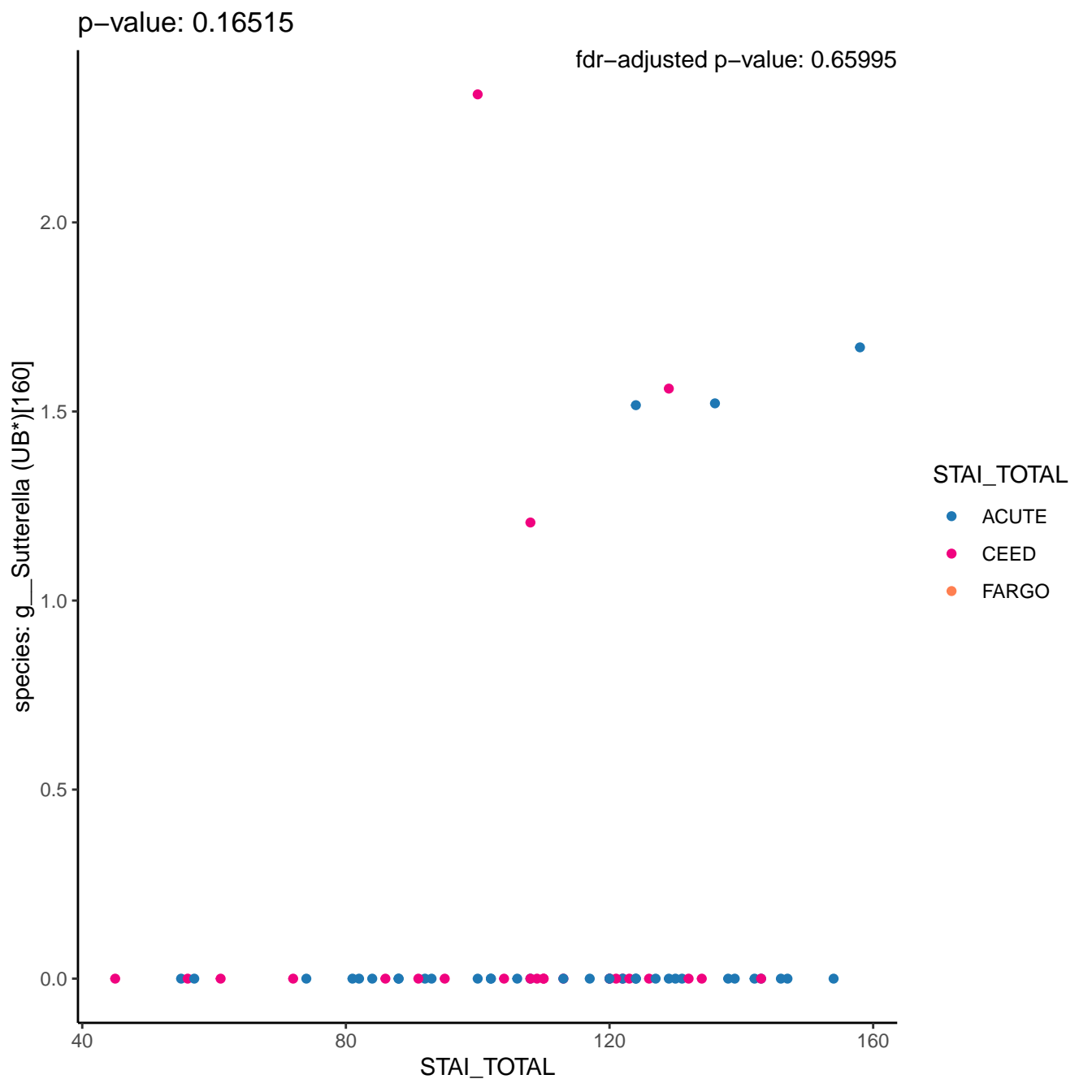
species: g__Sutterella (UB*)[160]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.1681

fdr-adjusted p-value: 0.65995

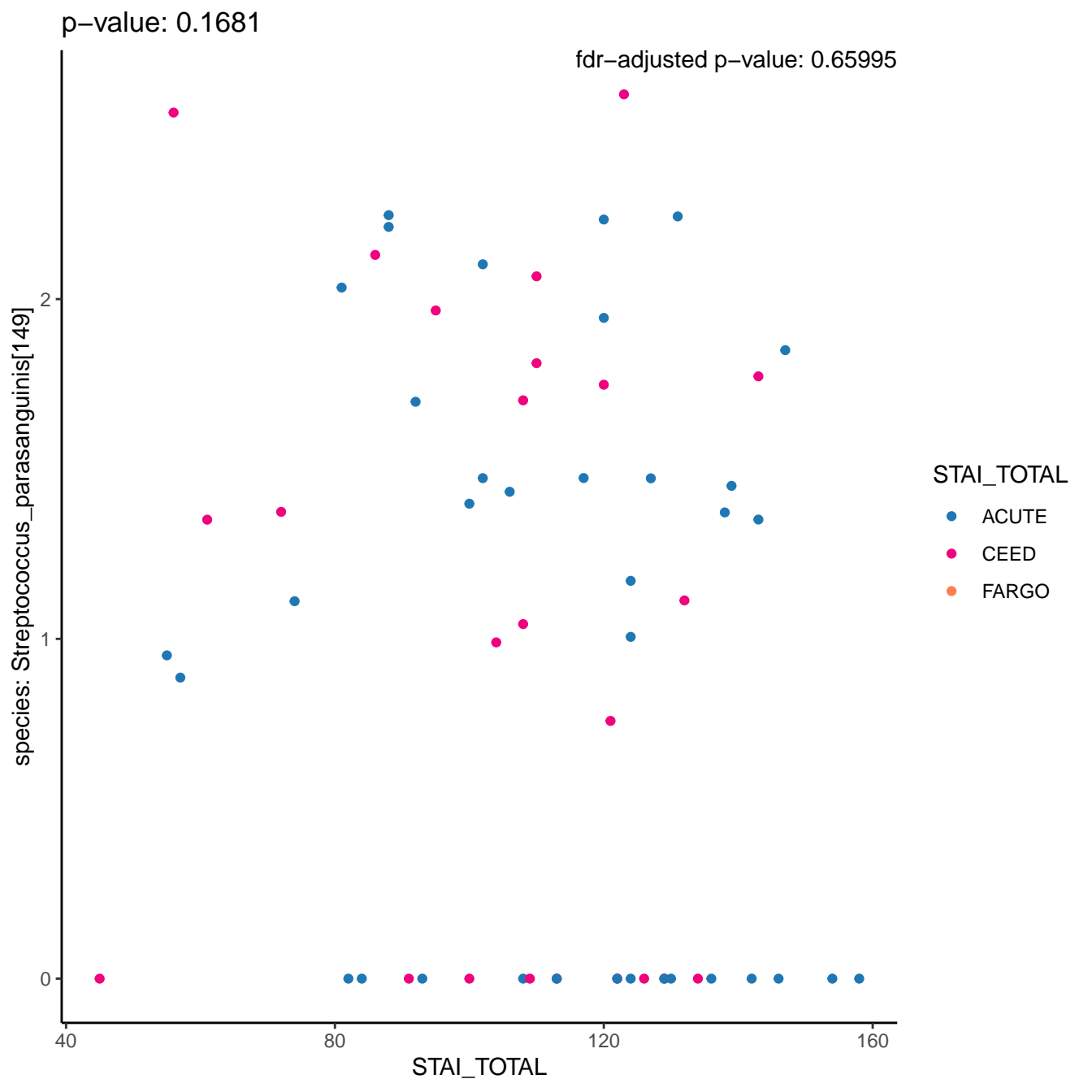
species: Streptococcus parasanguinis[149]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.17148

fdr-adjusted p-value: 0.65995

species: Collinsella.[144]

STAI_TOTAL

● ACUTE

● CEED

● FARGO

40 80 120 160

STAI_TOTAL

3

2

1

0

p-value: 0.17543

fdr-adjusted p-value: 0.65995

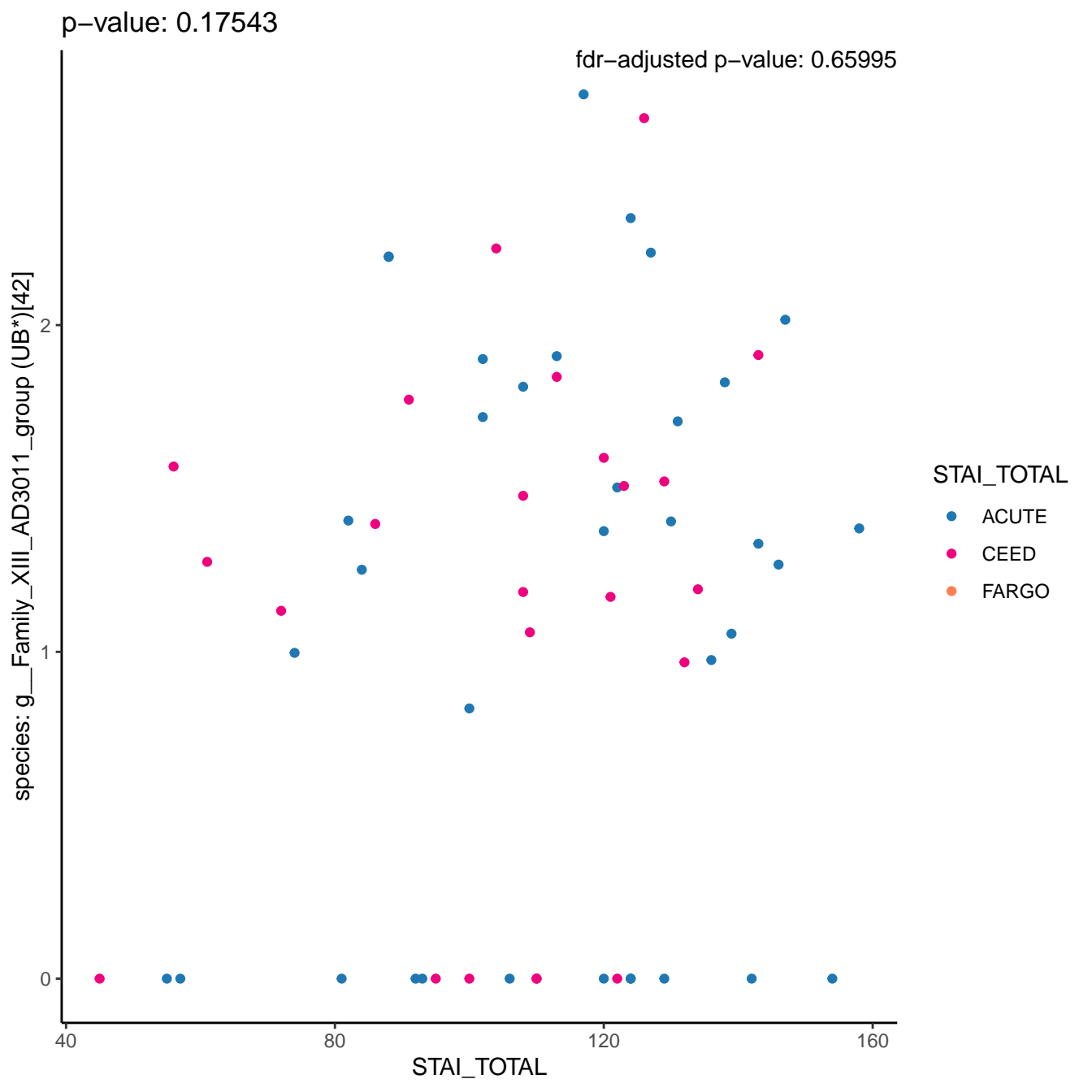
species: g__Family_XIII_AD3011_group (UB*)[42]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.18799

fdr-adjusted p-value: 0.674

species: g__Haemophilus (UB*)[109]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL

1.0

0.5

0.0

40 80 120 160

p-value: 0.18973

fdr-adjusted p-value: 0.674

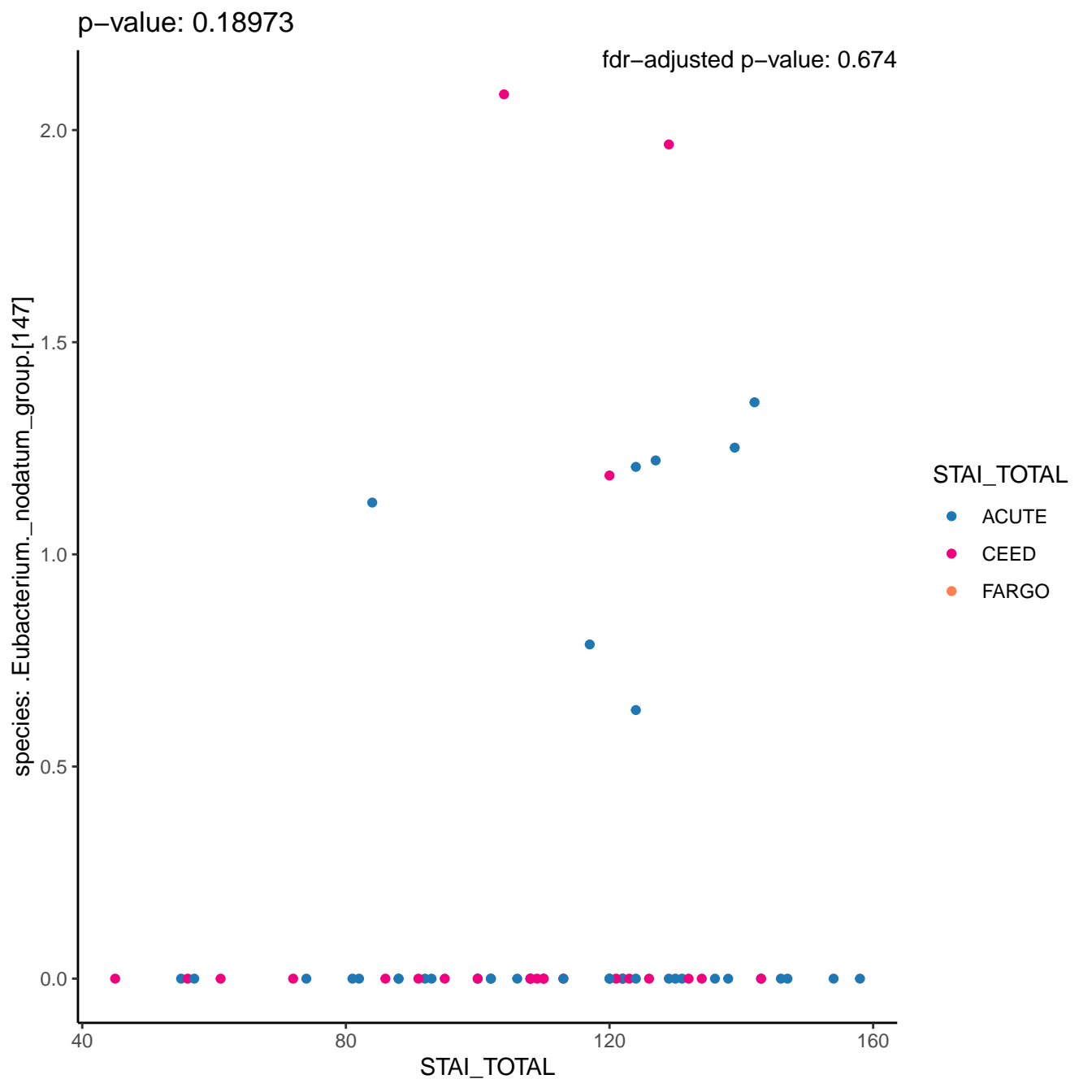
species: .Eubacterium._nodatum_group.[147]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

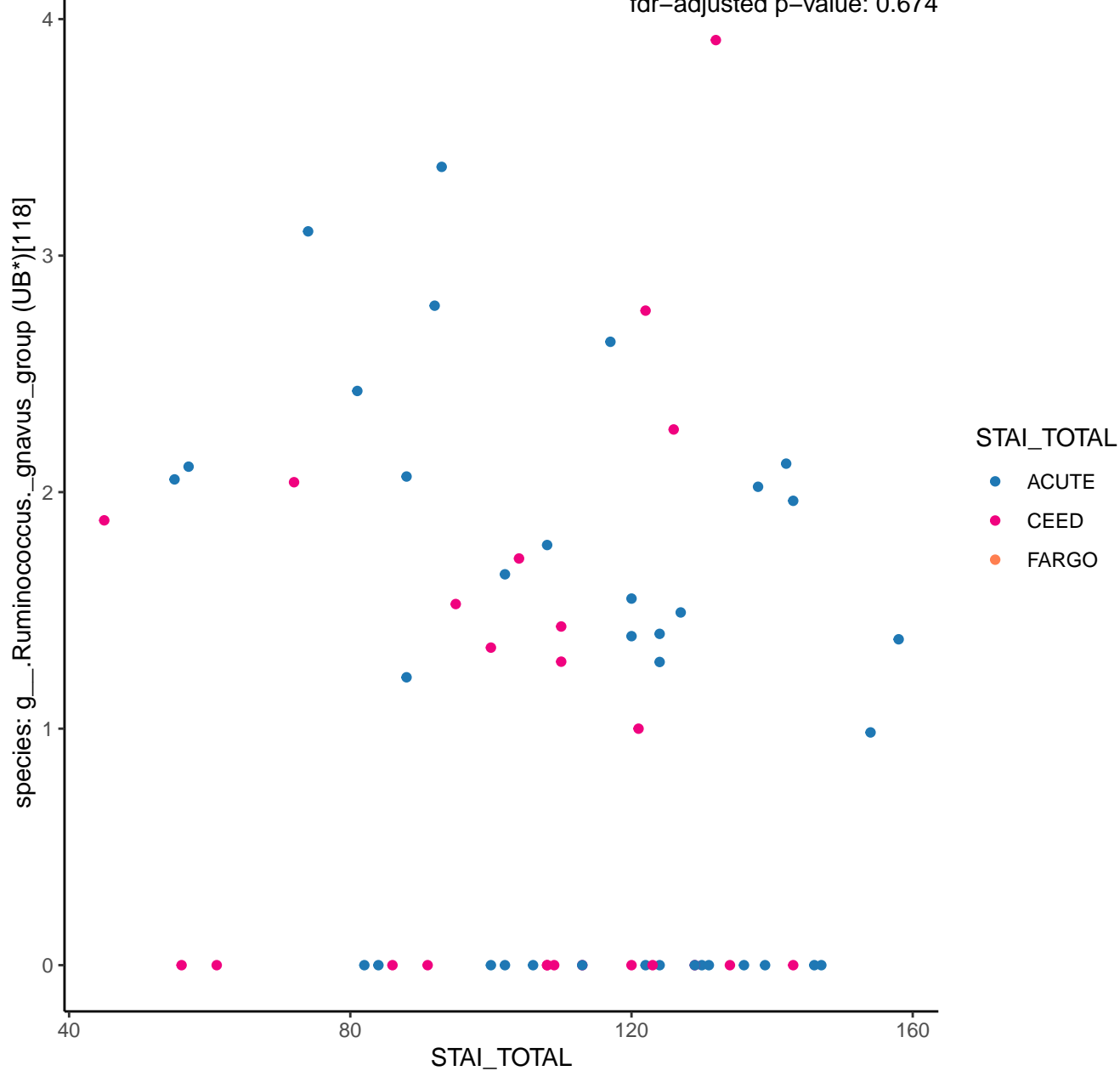
40 80 120 160

STAI_TOTAL



p-value: 0.19495

fdr-adjusted p-value: 0.674



p-value: 0.19899

fdr-adjusted p-value: 0.674

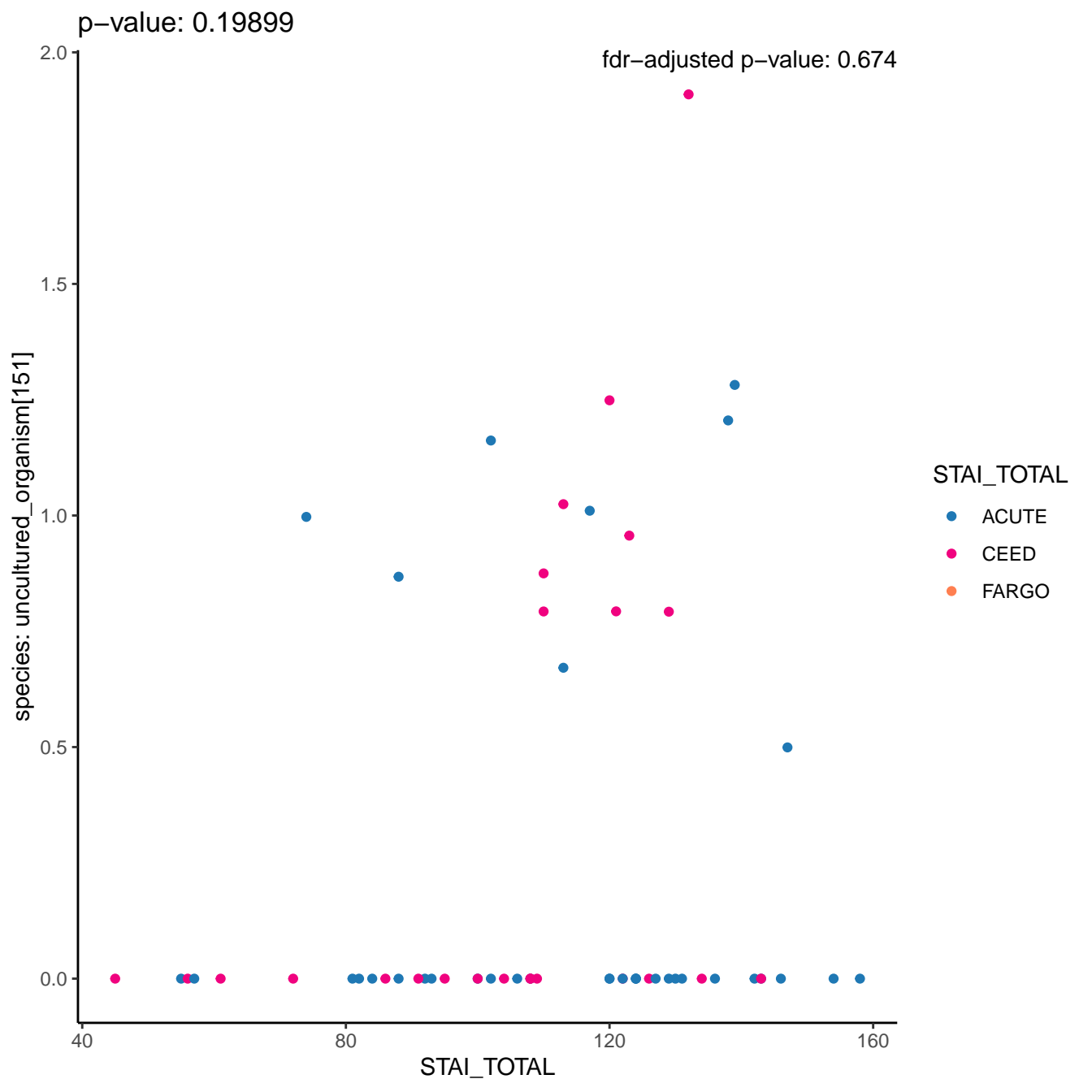
species: uncultured_organism[151]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.20049

fdr-adjusted p-value: 0.674

species: g__CAG.352 (UB*)[113]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.21089

fdr-adjusted p-value: 0.6912

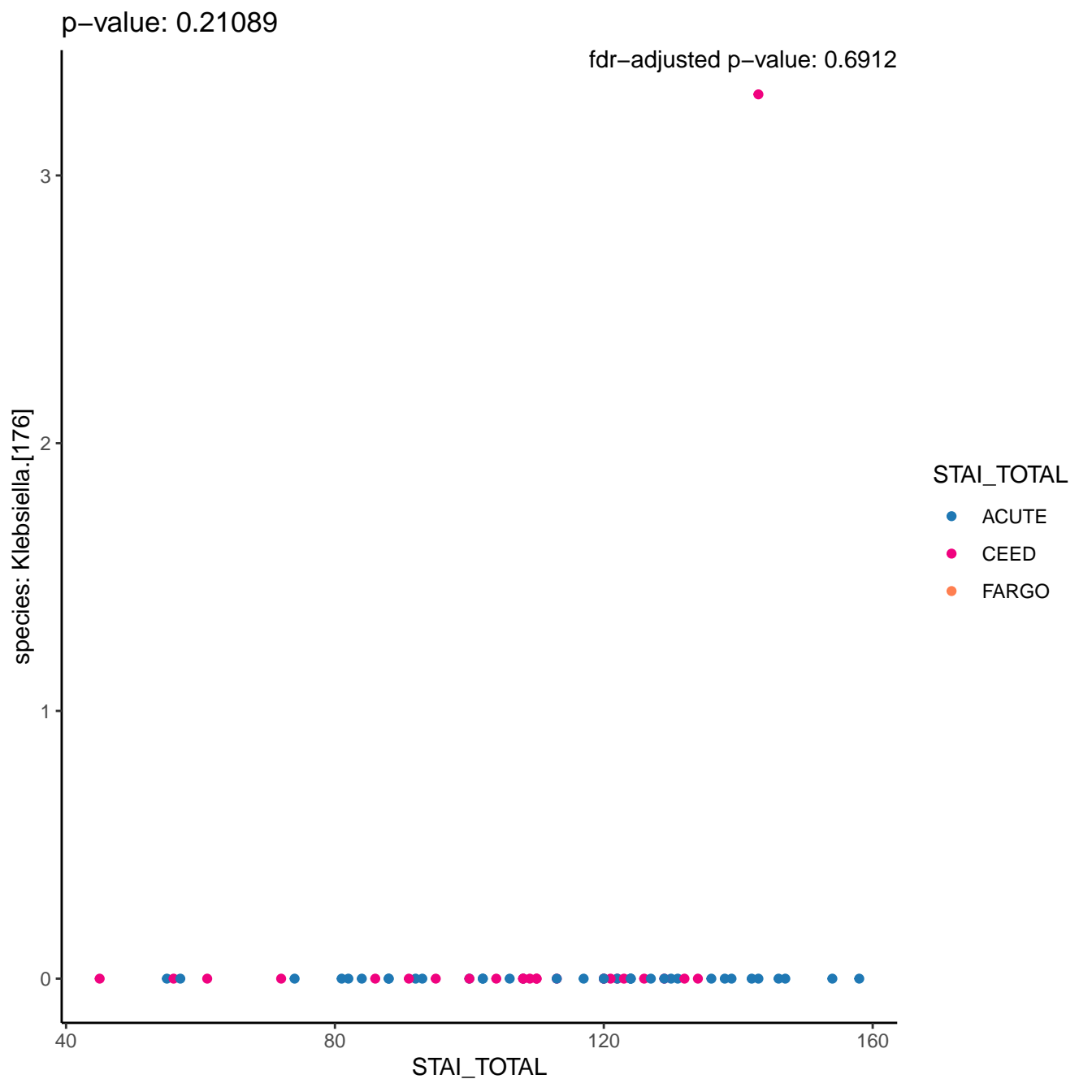
species: *Klebsiella*.[176]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.21436

fdr-adjusted p-value: 0.6912

species: g__Slackia (UB*)[133]

STAI_TOTAL

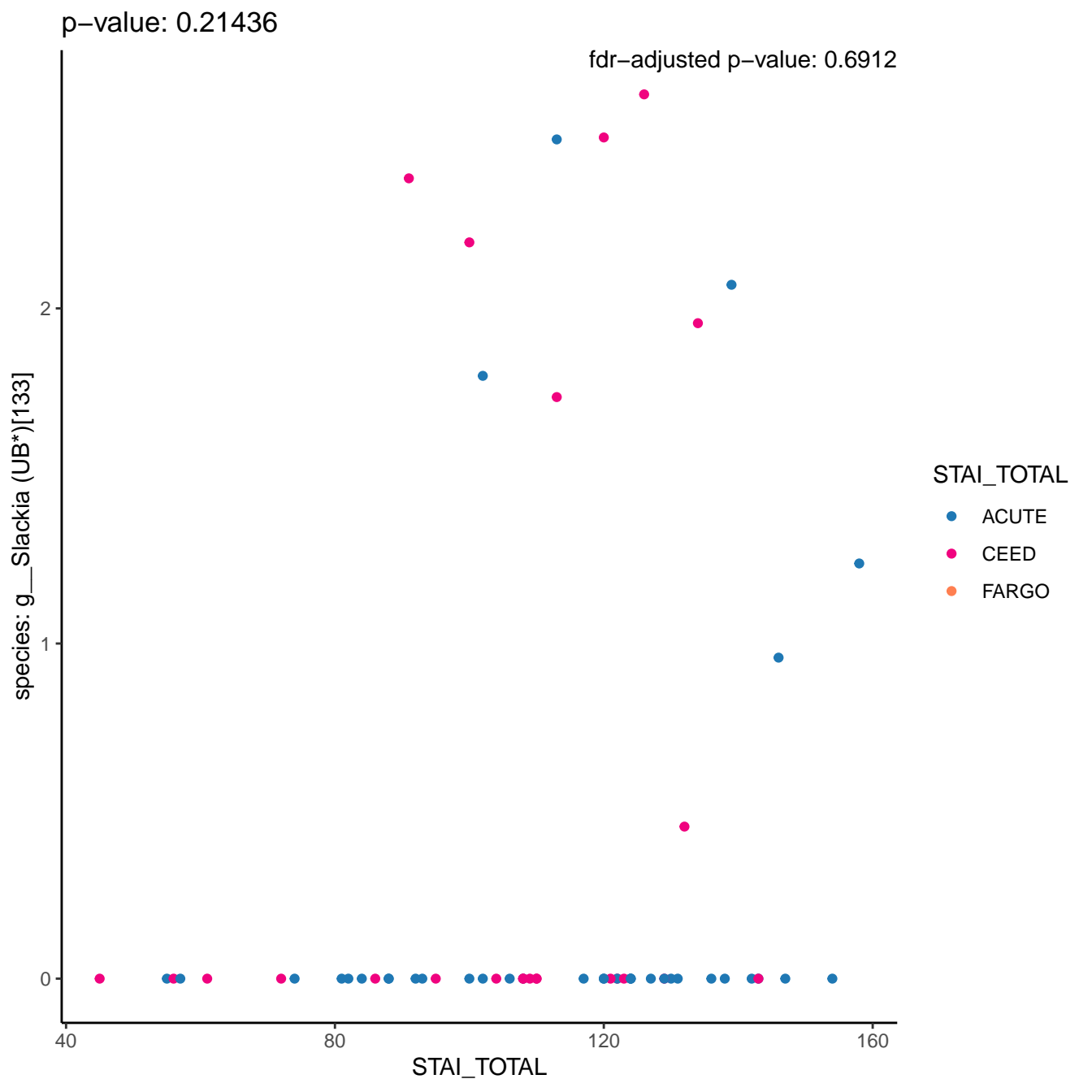
ACUTE

CEED

FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.23557

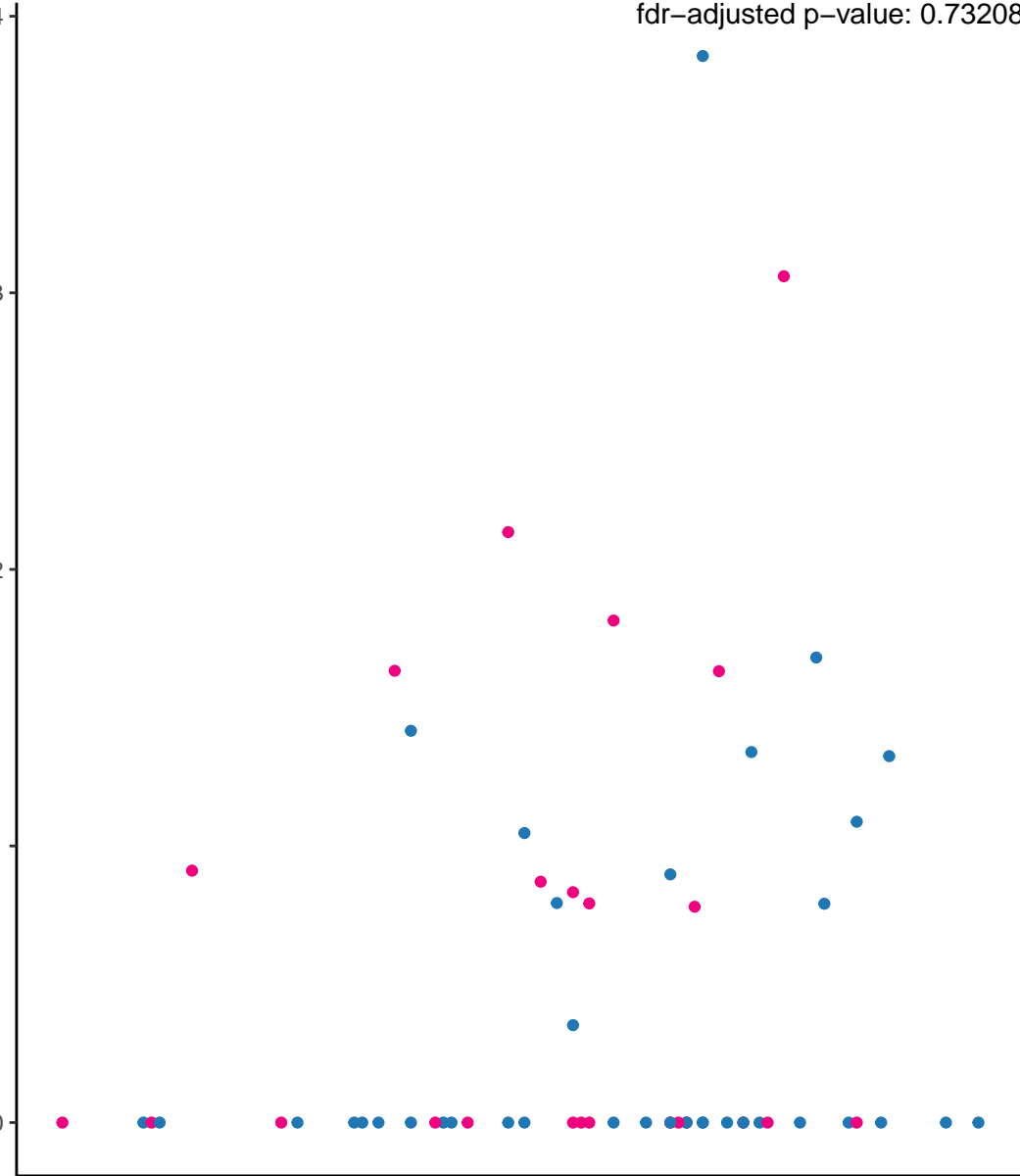
fdr-adjusted p-value: 0.73208

species: Ruminococcaceae.[93]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.24055

fdr-adjusted p-value: 0.73208

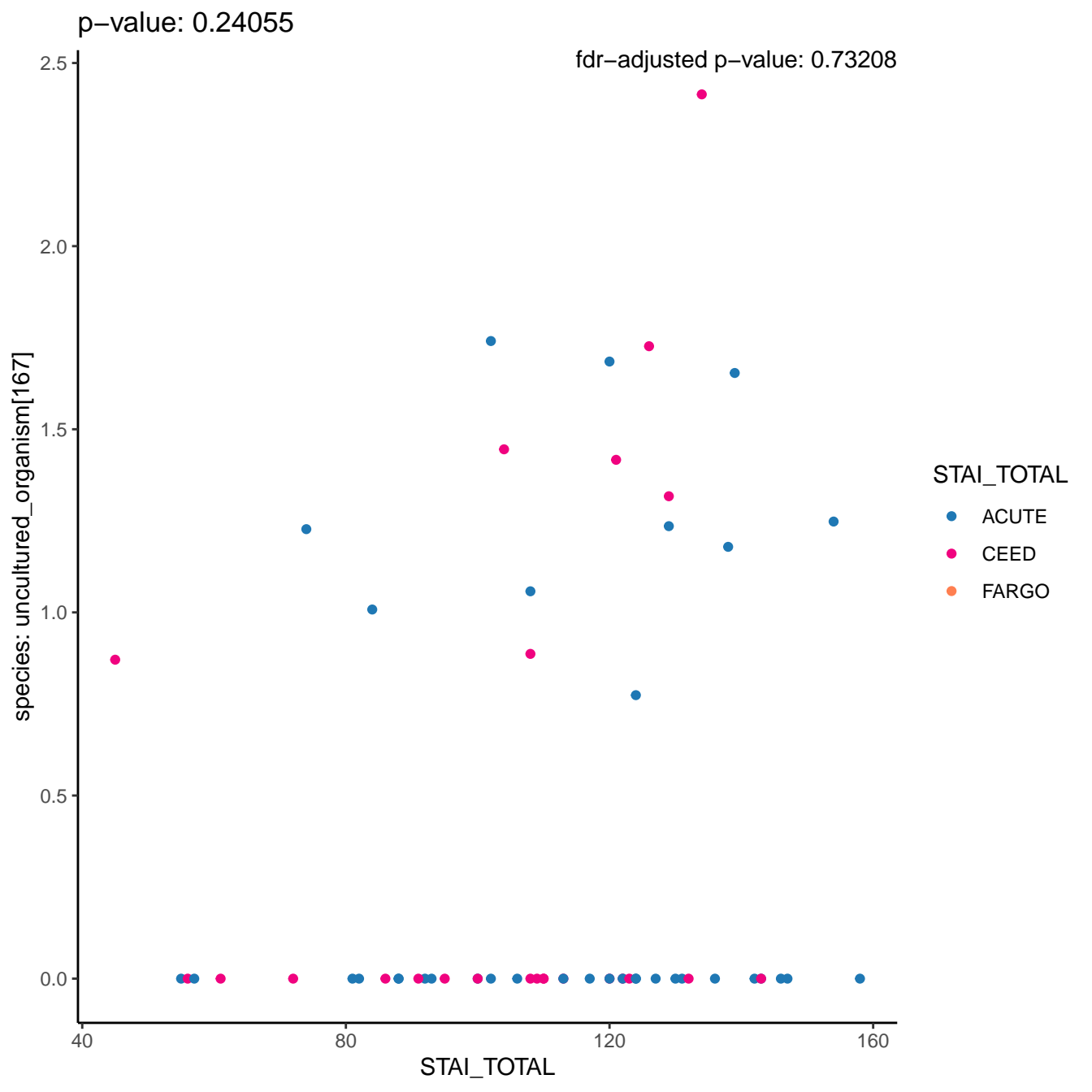
species: uncultured_organism[167]

STAI_TOTAL

ACUTE
CEED
FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.24094

fdr-adjusted p-value: 0.73208

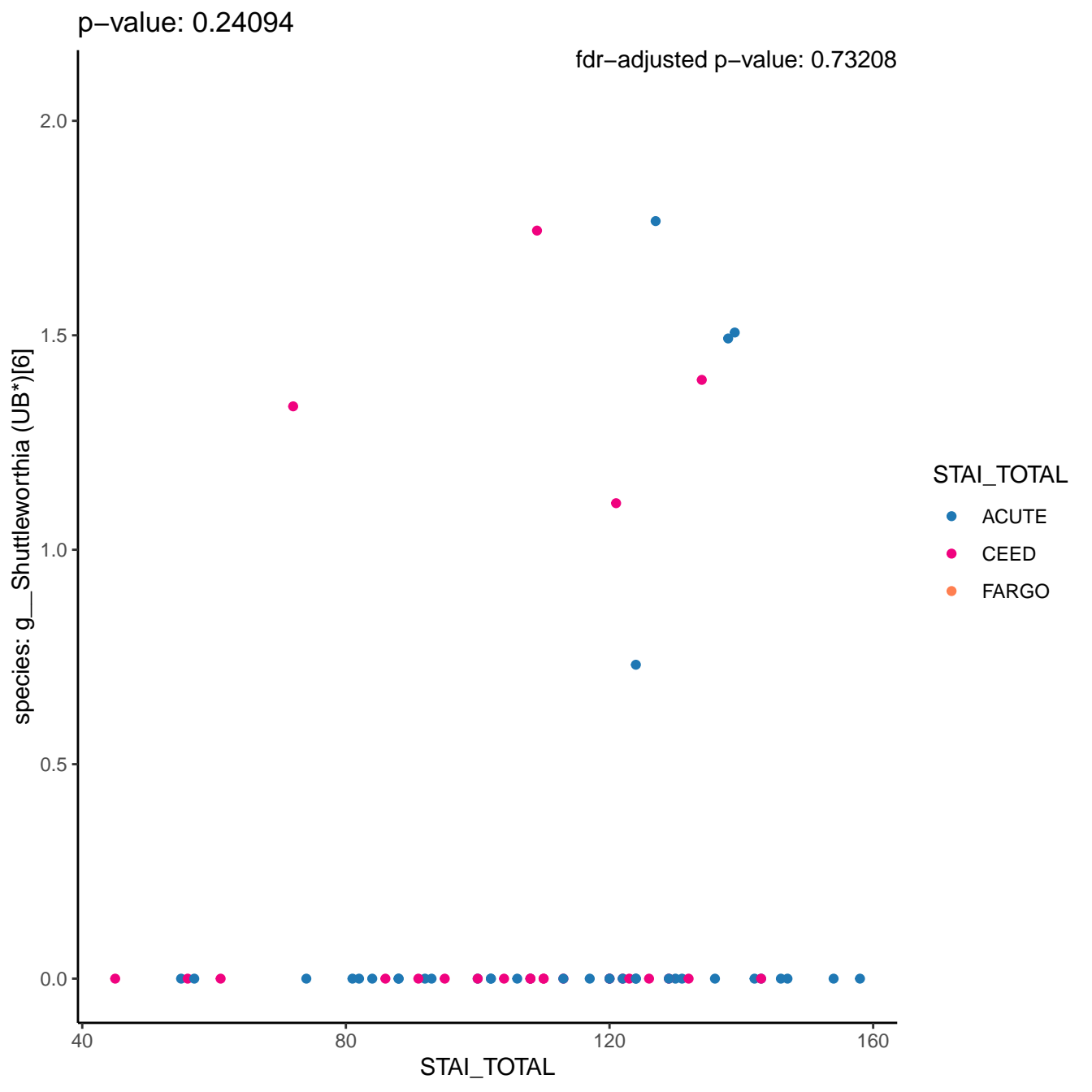
species: g__Shuttleworthia (UB*)[6]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.24732

fdr-adjusted p-value: 0.73731

species: uncultured.[121]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL

0 1 2 3

p-value: 0.26146

fdr-adjusted p-value: 0.76502

species: g__Flavonifractor (UB*)[47]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.27868

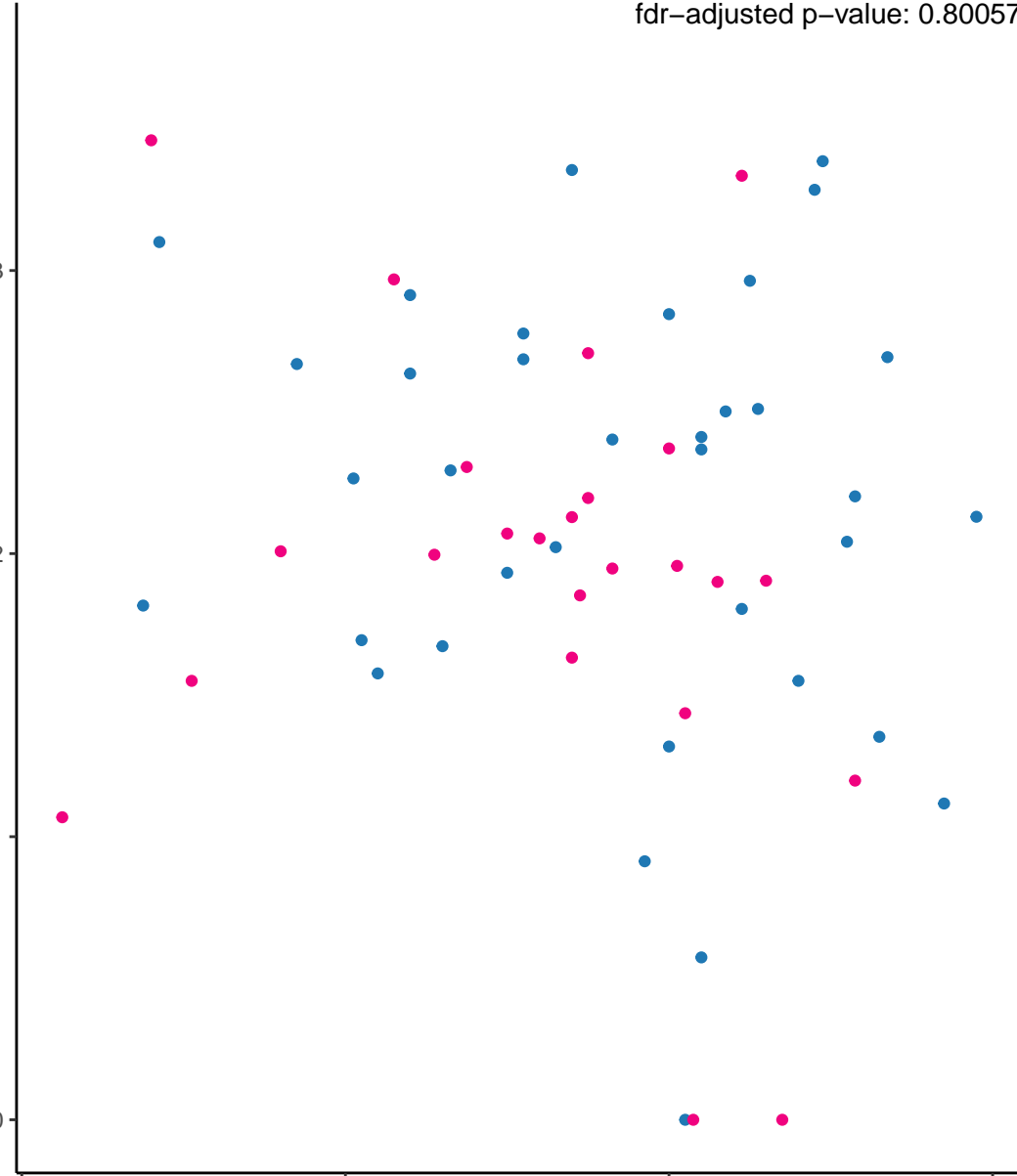
fdr-adjusted p-value: 0.80057

species: *Streptococcus salivarius*[4]

STAI_TOTAL

STAI_TOTAL

ACUTE
CEED
FARGO



p-value: 0.29428

fdr-adjusted p-value: 0.83028

species: Enterobacter.[126]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

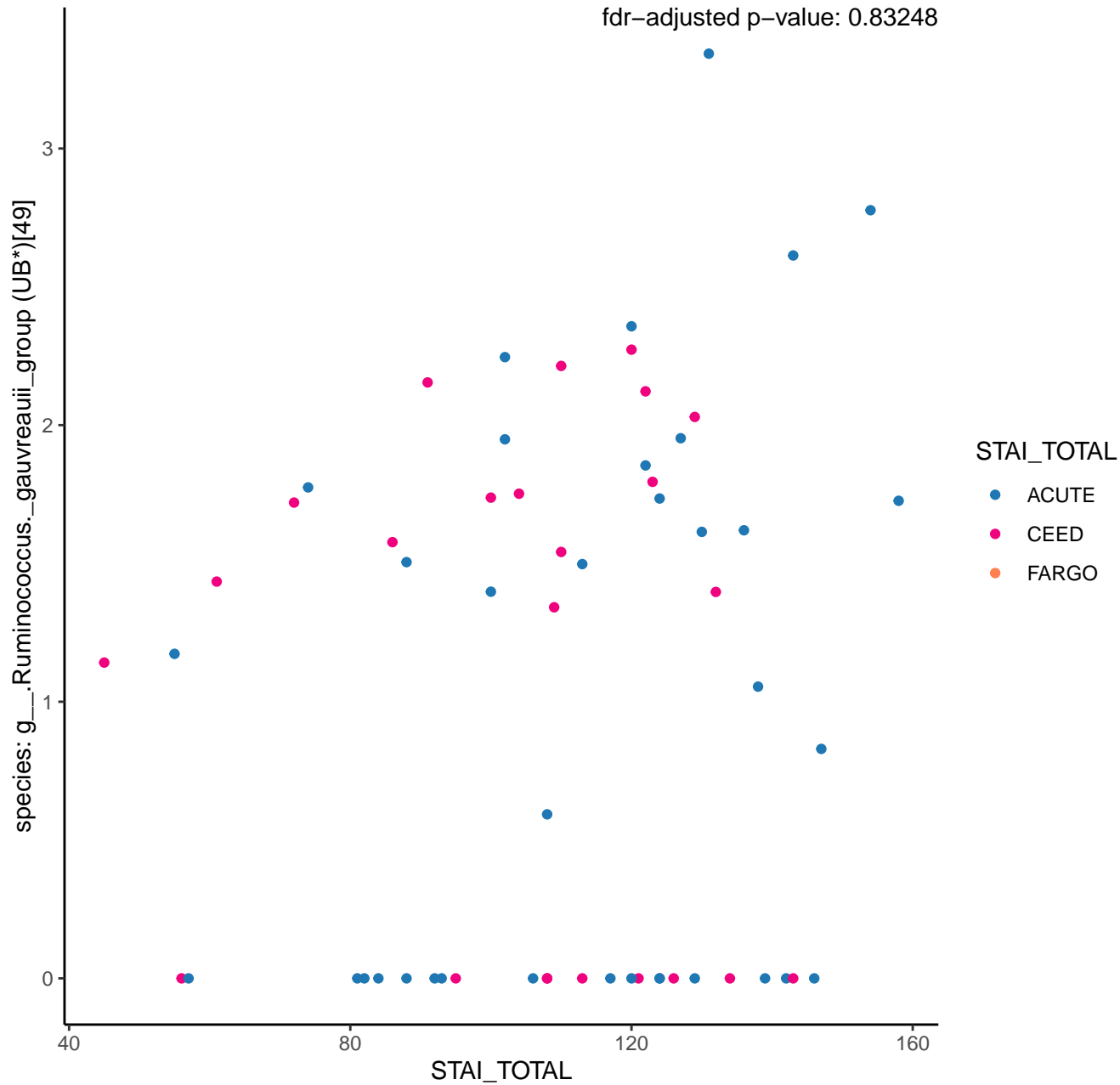
STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.30545

fdr-adjusted p-value: 0.83248



p-value: 0.30591

fdr-adjusted p-value: 0.83248

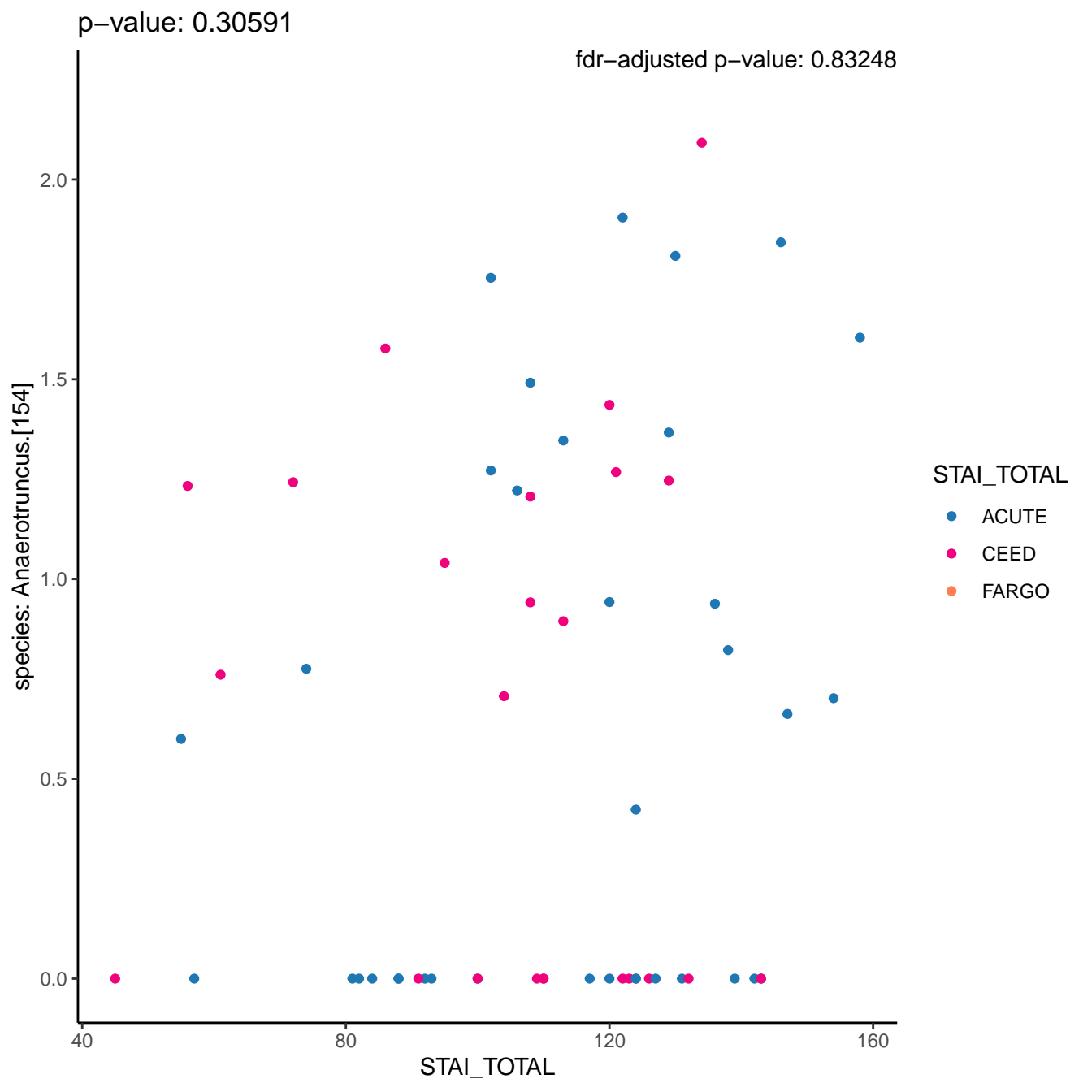
species: Anaerotruncus.[154]

STAI_TOTAL

ACUTE
CEED
FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.31086

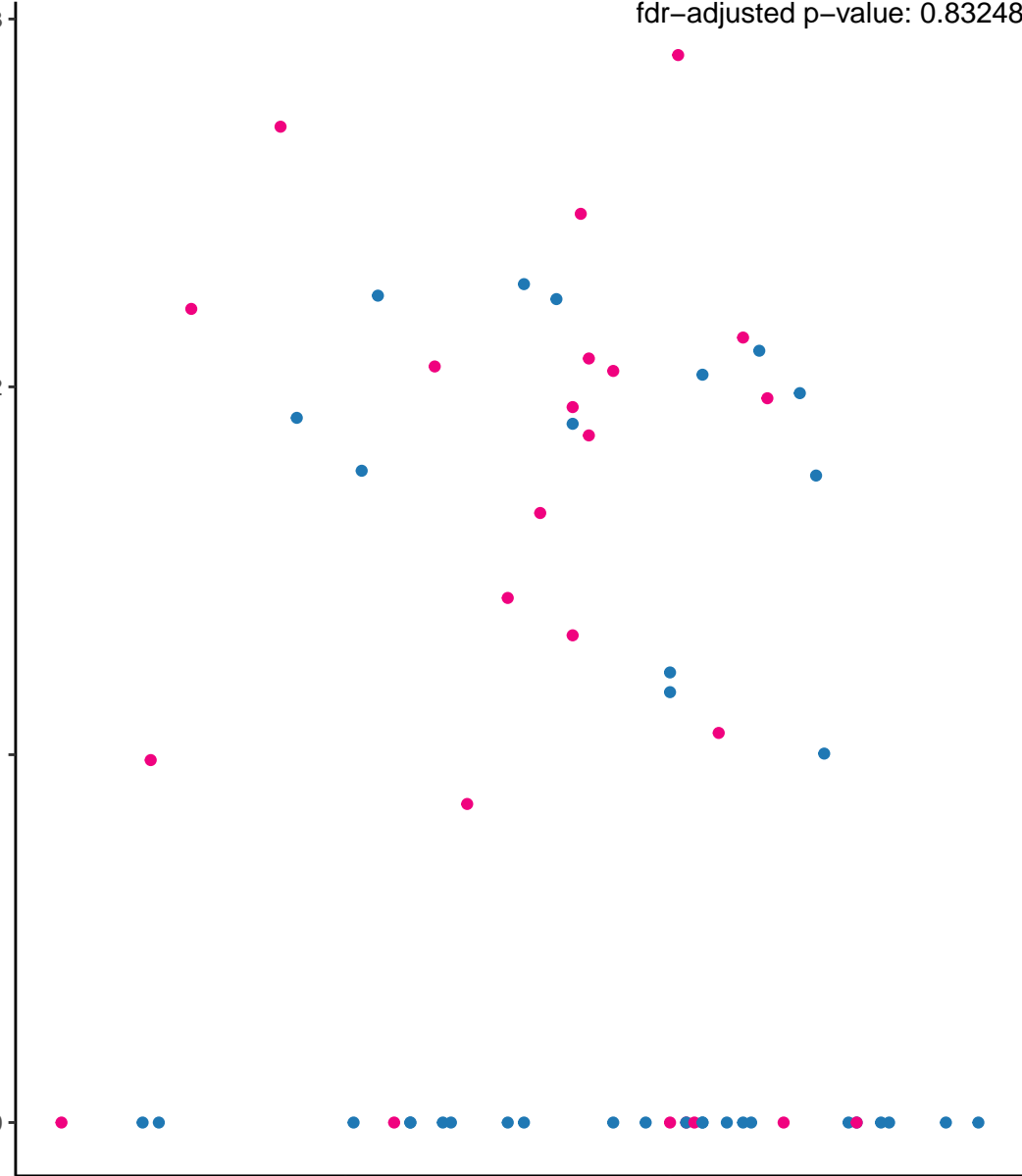
fdr-adjusted p-value: 0.83248

species: g__Dialister (UB*)[12]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.3307

fdr-adjusted p-value: 0.87085

species: Adlercreutzia.[81]

STAI_TOTAL

ACUTE
CEED
FARGO

STAI_TOTAL

3
2
1
0

40

80

120

160

0

p-value: 0.34033

fdr-adjusted p-value: 0.88152

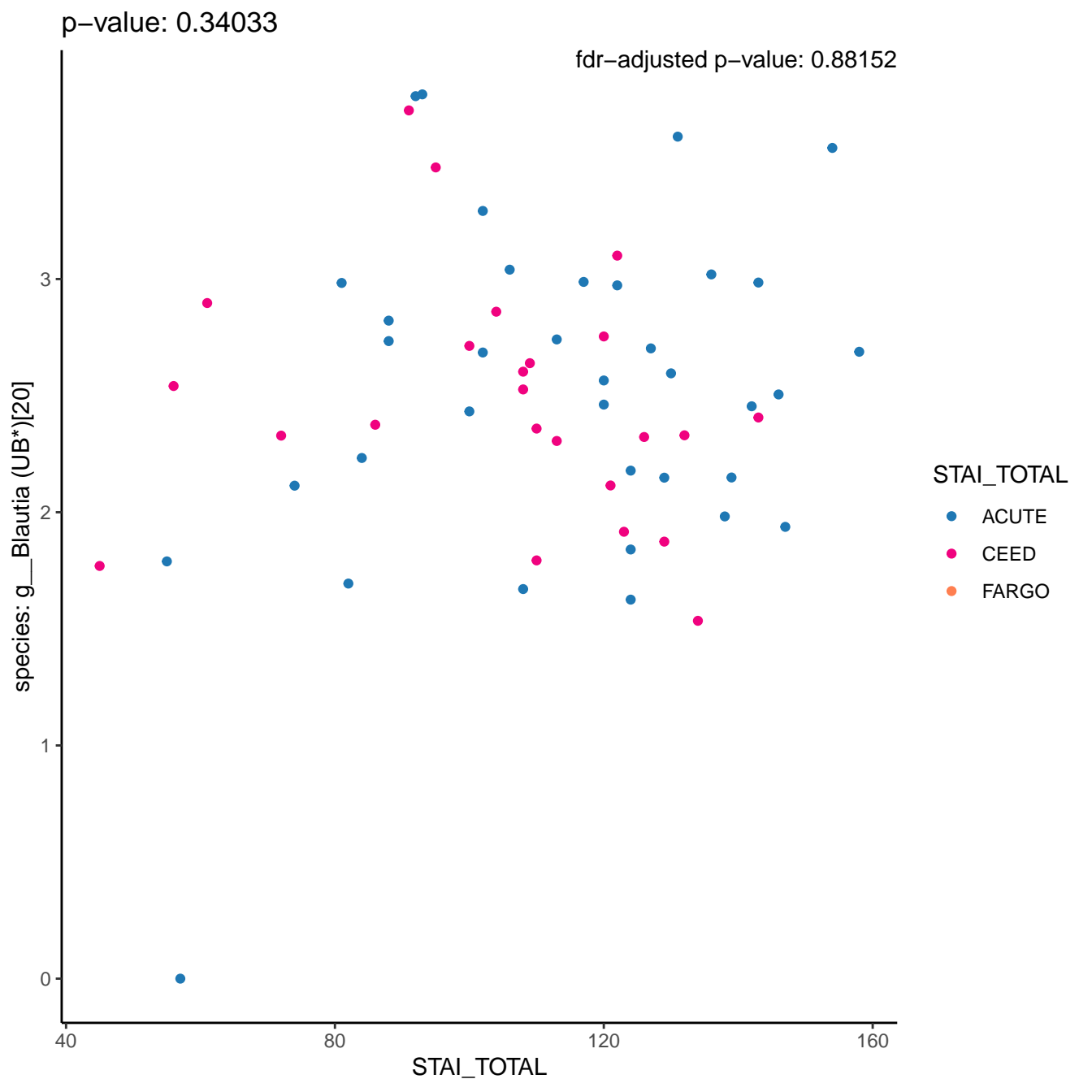
species: g__Blautia (UB*)[20]

STAI_TOTAL

● ACUTE
● CEED
● FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.36454

fdr-adjusted p-value: 0.92899

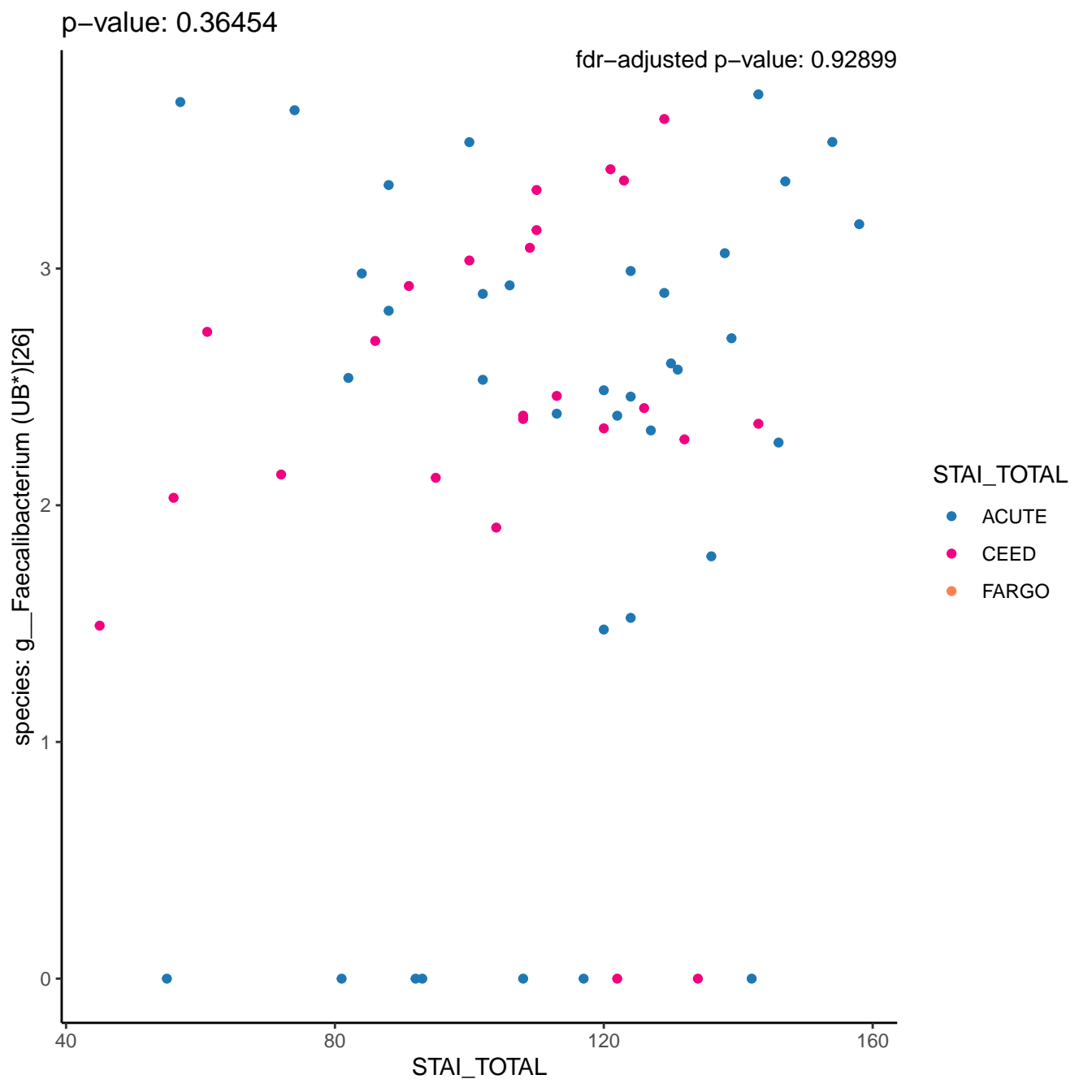
species: g__Faecalibacterium (UB*)[26]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.37703

fdr-adjusted p-value: 0.94557

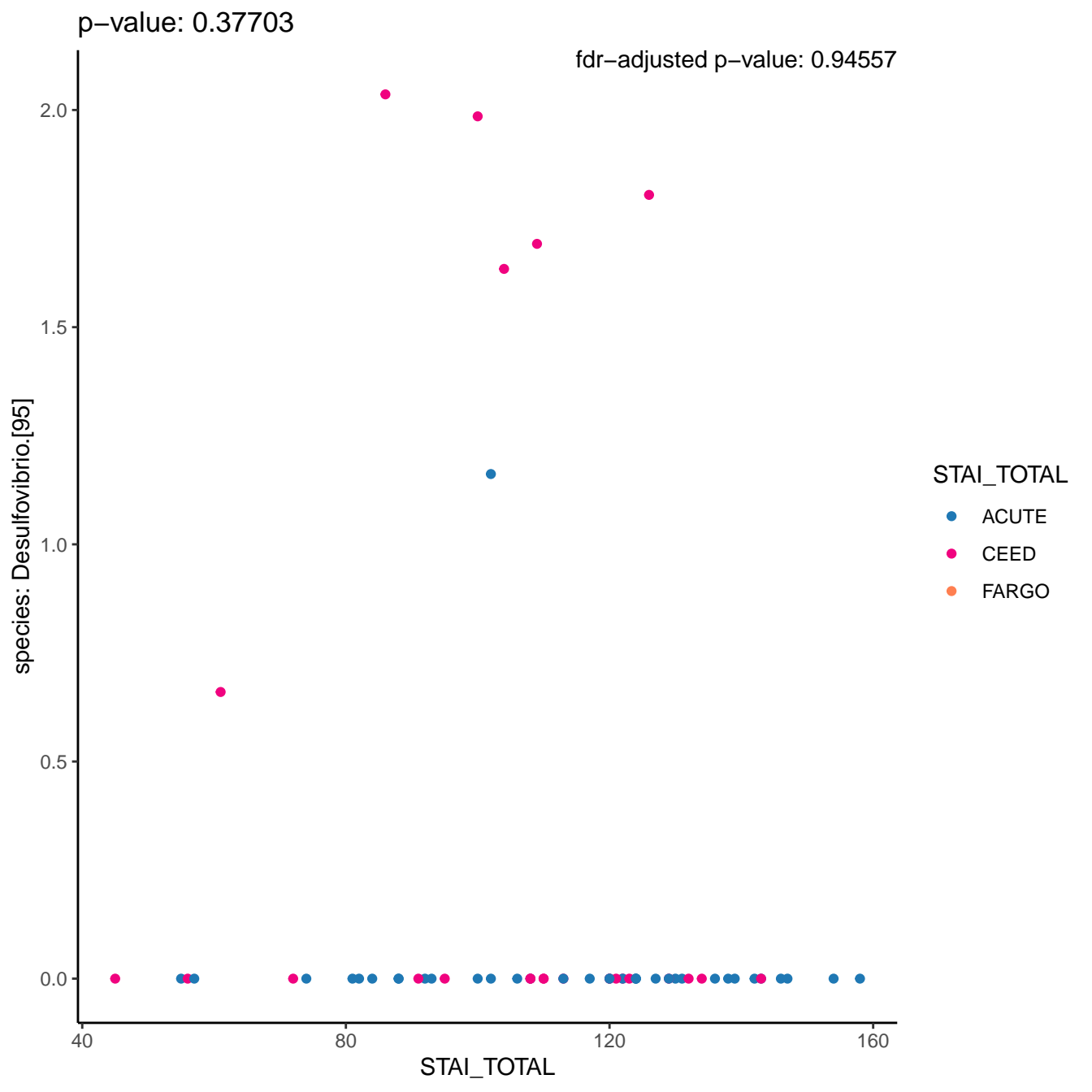
species: *Desulfovibrio*. [95]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.3882

fdr-adjusted p-value: 0.94604

species: g__Actinomyces (UB*)[138]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0.0 0.5 1.0 1.5

p-value: 0.39979

fdr-adjusted p-value: 0.94604

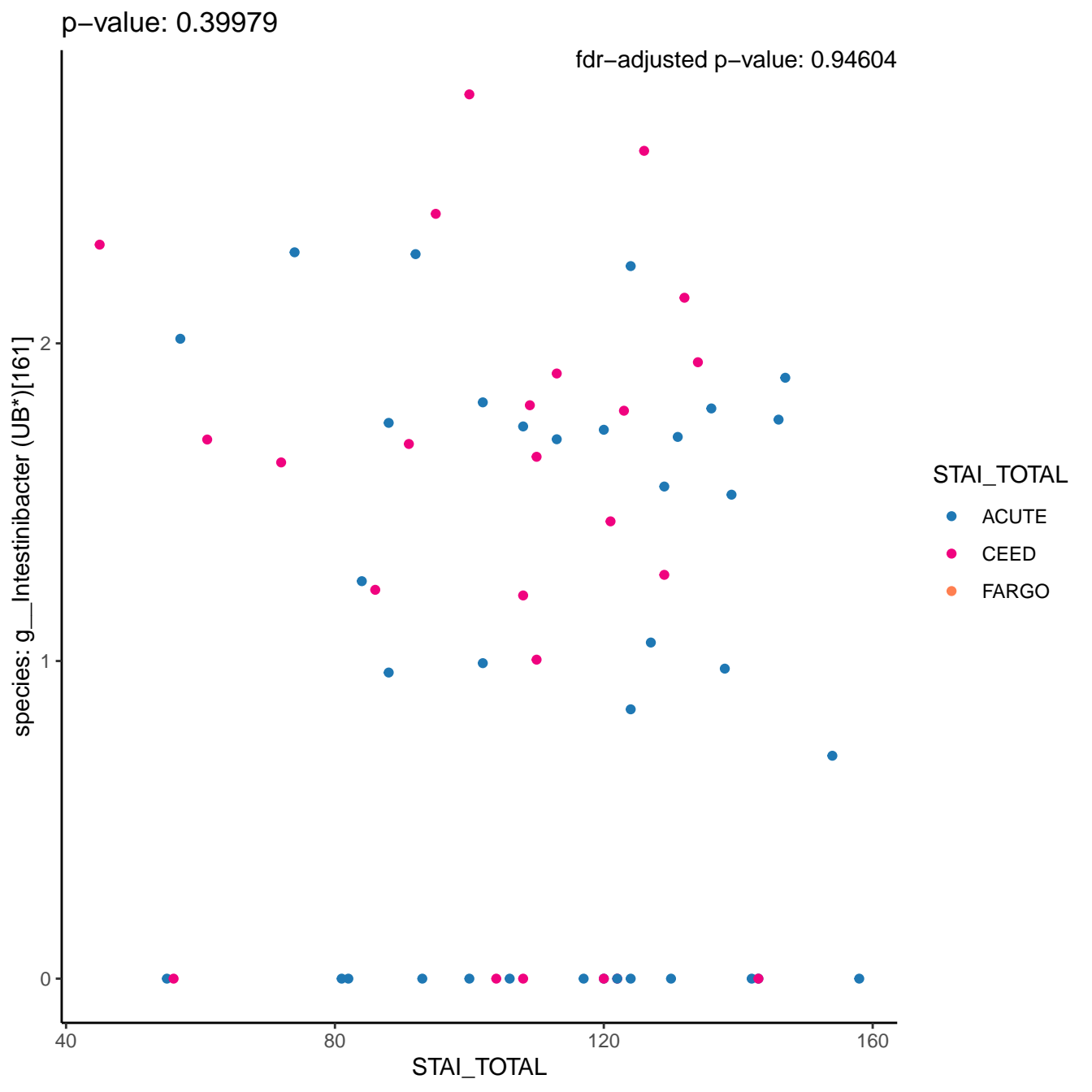
species: g__Intestinibacter (UB*)[161]

STAI_TOTAL

ACUTE
CEED
FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.4077

fdr-adjusted p-value: 0.94604

species: g__Megasphaera (UB*)[21]

STAI_TOTAL

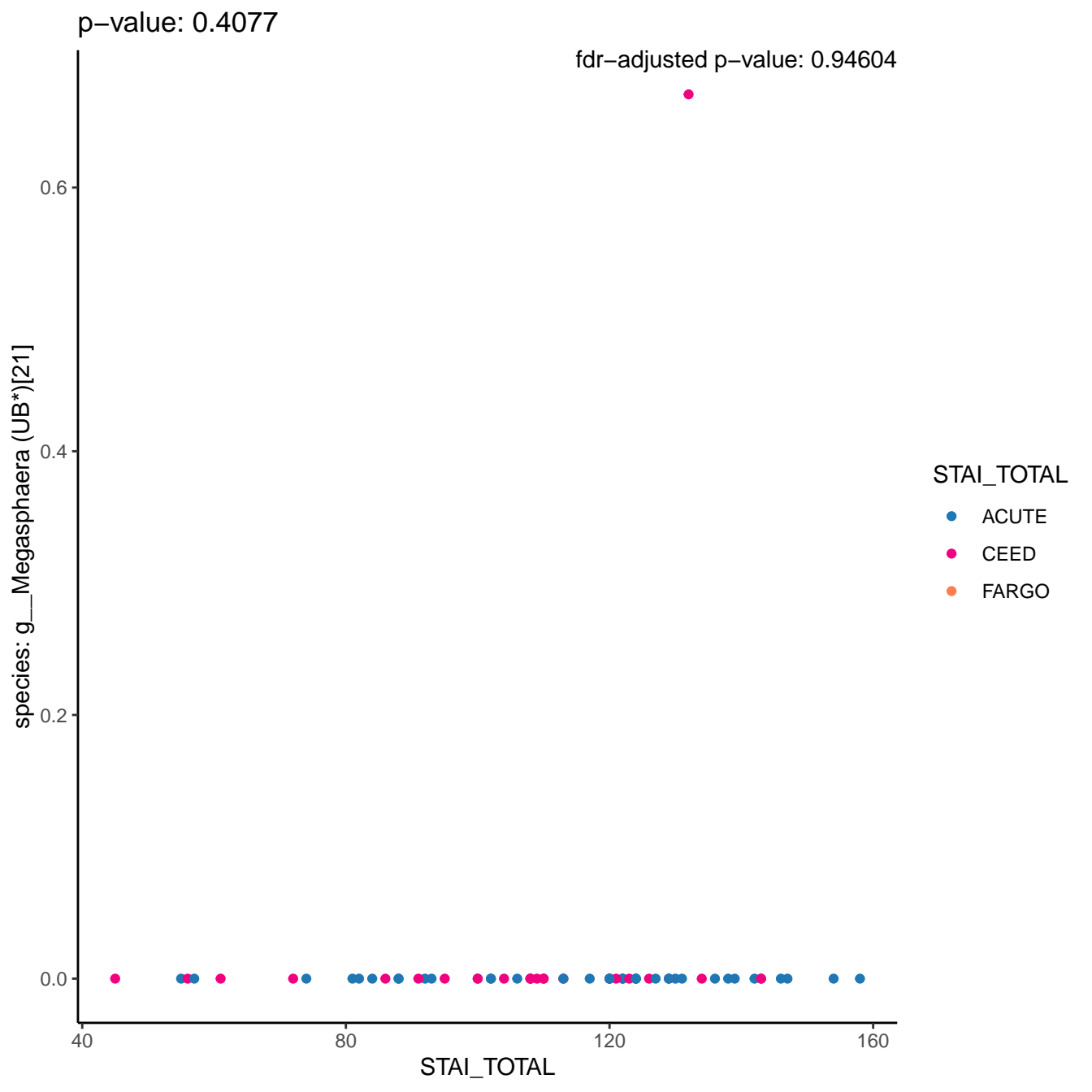
● ACUTE

● CEED

● FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.41937

fdr-adjusted p-value: 0.94604

species: g__Desulfovibrio (UB*)[145]

STAI_TOTAL

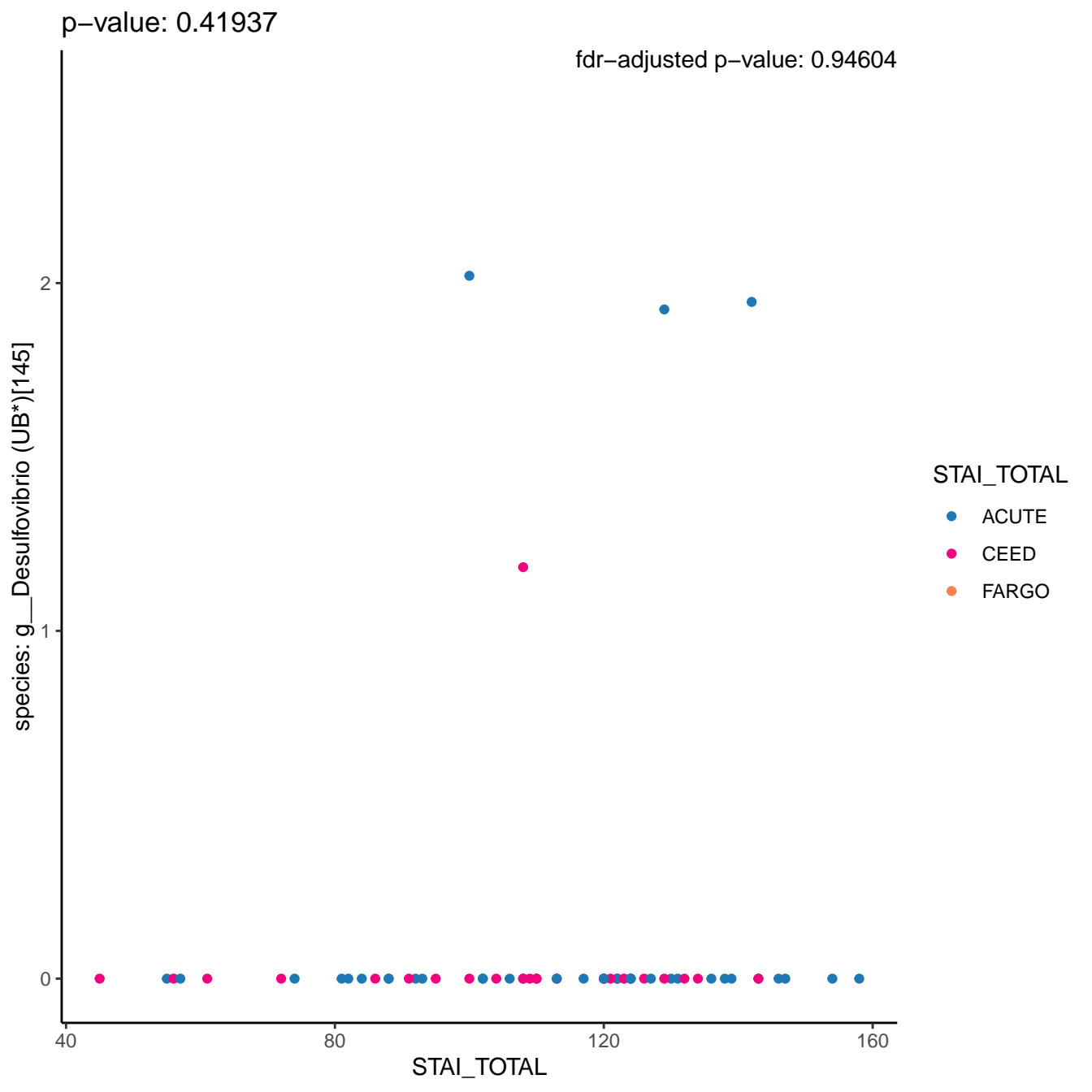
● ACUTE

● CEED

● FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.42121

fdr-adjusted p-value: 0.94604

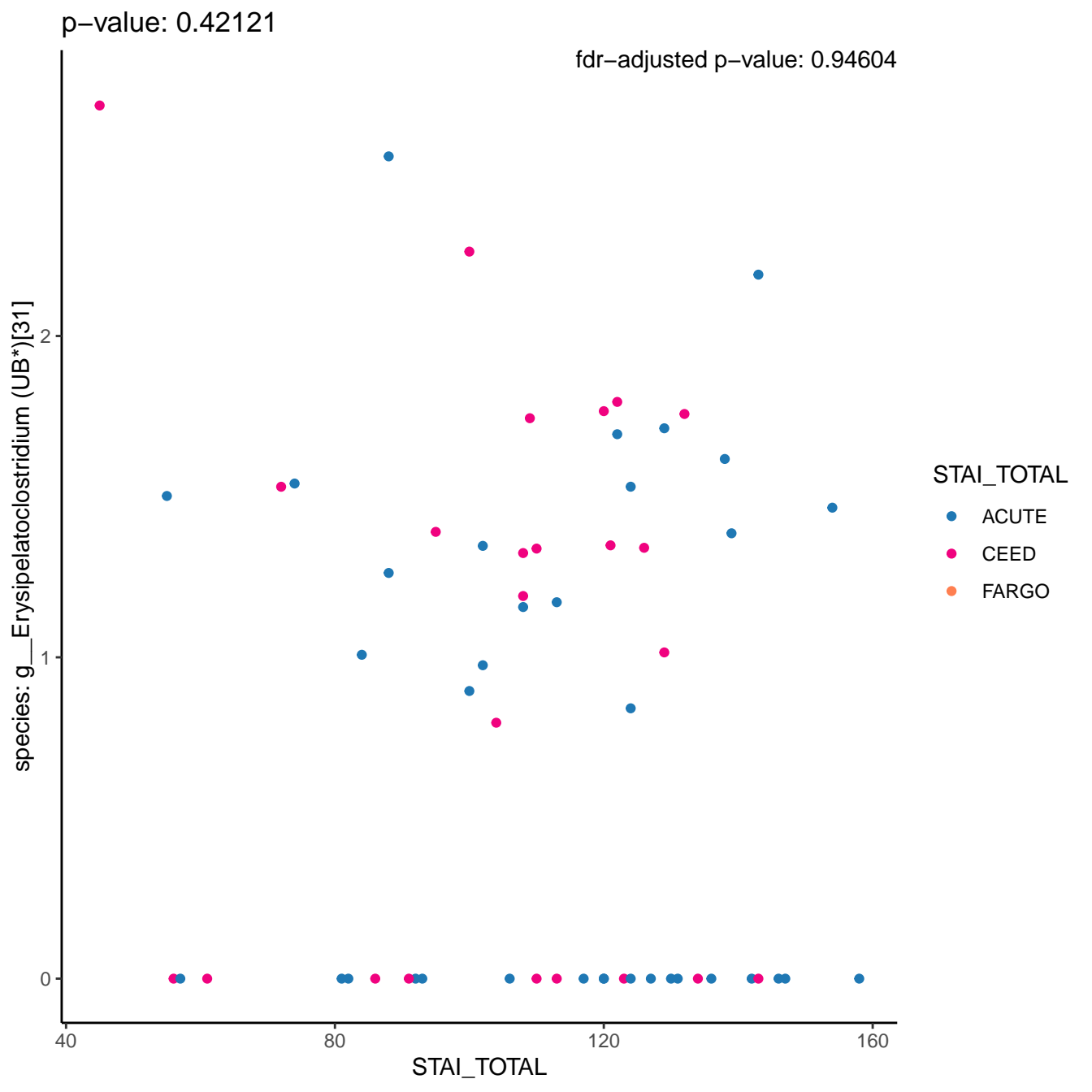
species: g__Erysipelatoclostridium (UB*)[31]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160



p-value: 0.43732

fdr-adjusted p-value: 0.94604

species: *Lactobacillus_helveticus*[142]

STAI_TOTAL

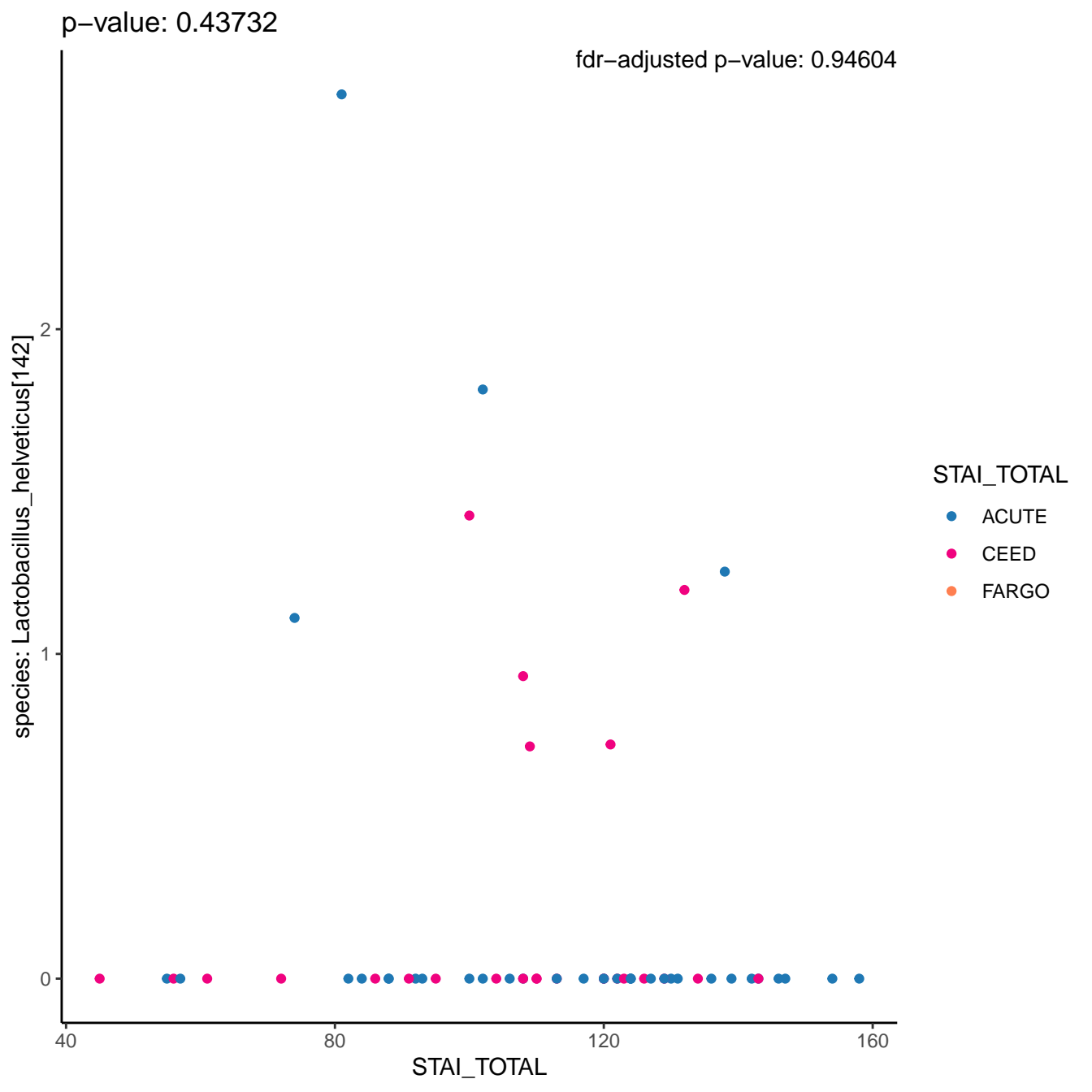
● ACUTE

● CEED

● FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.45237

fdr-adjusted p-value: 0.94604

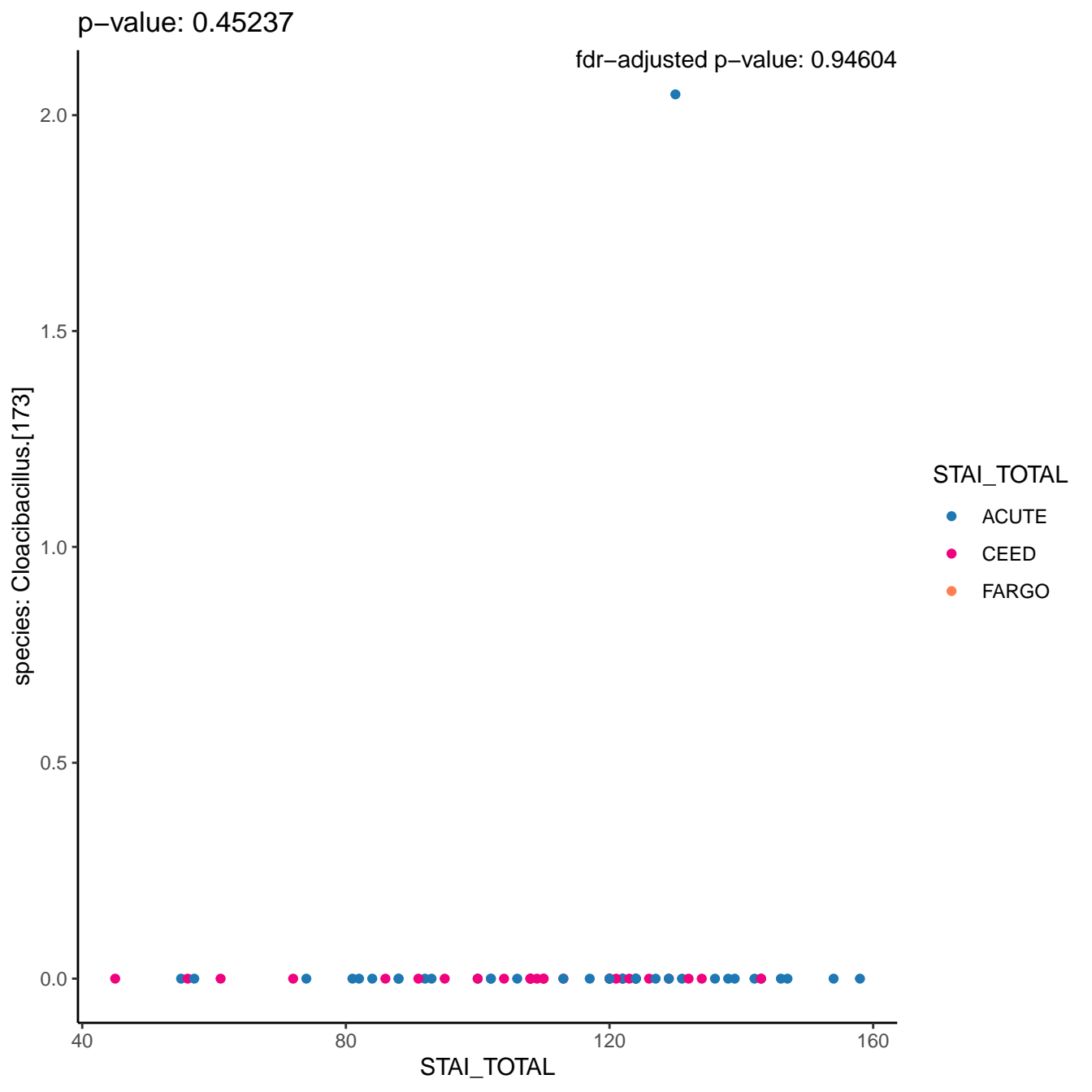
species: Cloacibacillus.[173]

STAI_TOTAL

● ACUTE
● CEED
● FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.45777

fdr-adjusted p-value: 0.94604

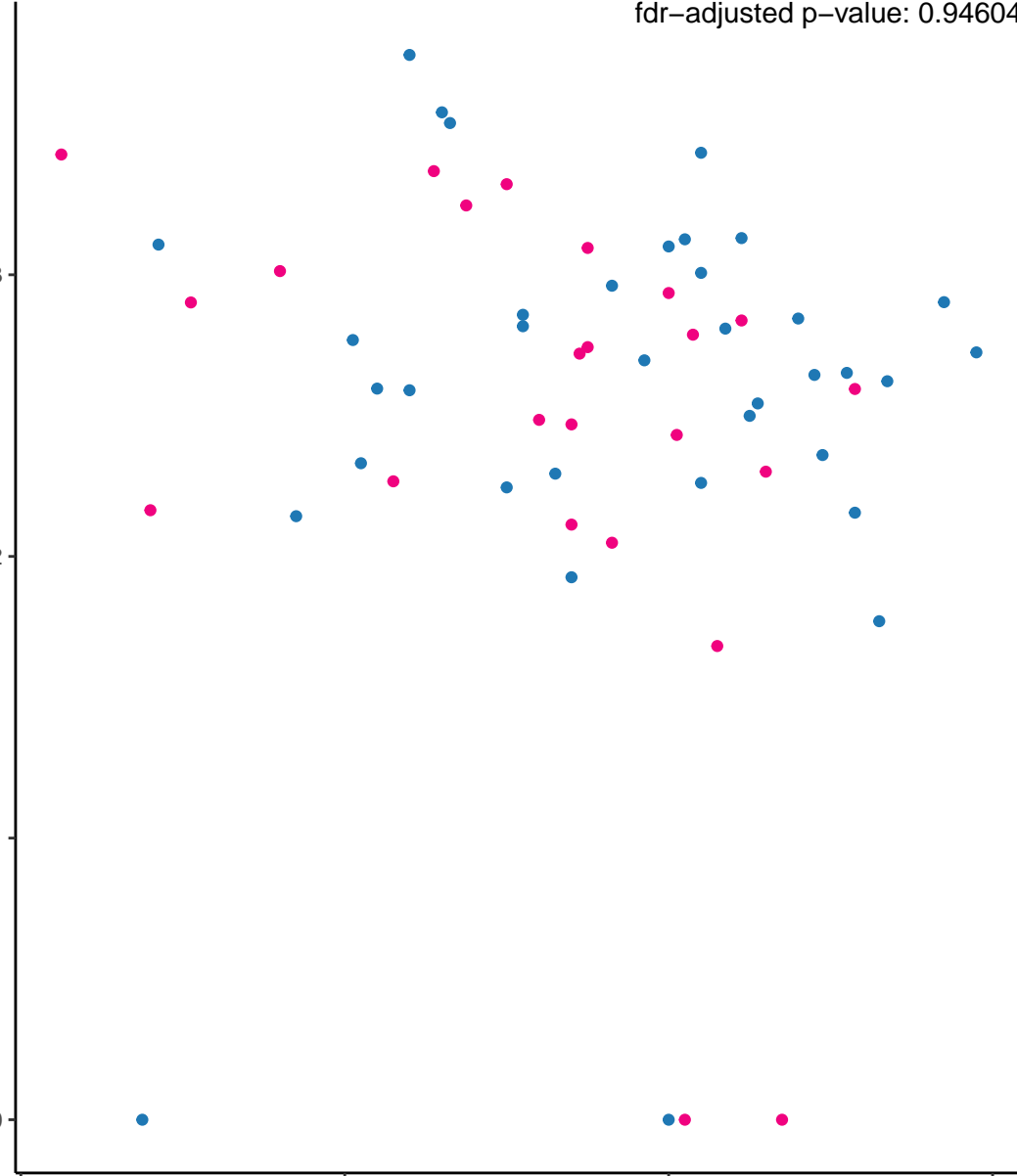
species: Blautia.[5]

STAI_TOTAL

ACUTE
CEED
FARGO

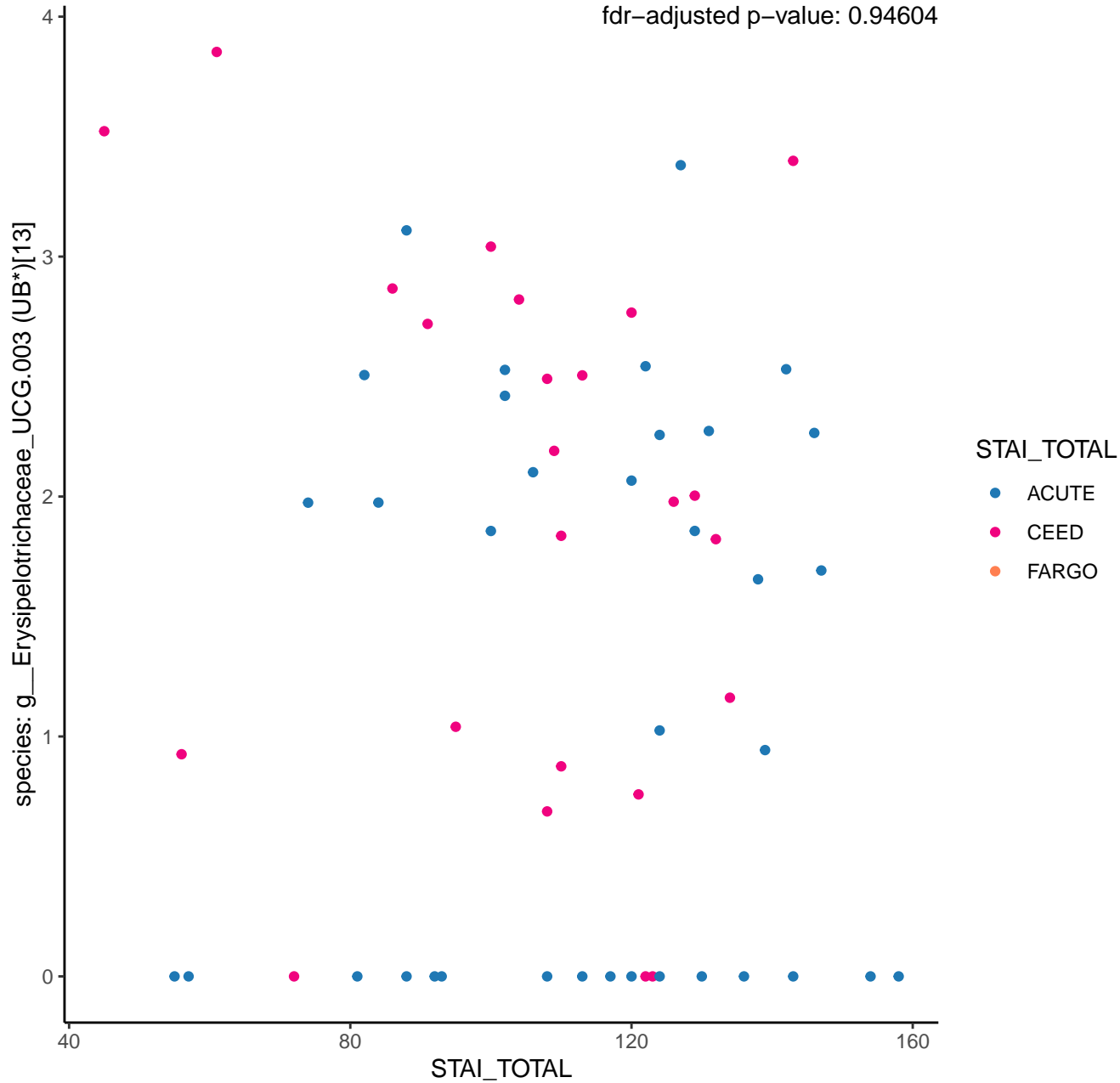
40 80 120 160

STAI_TOTAL



p-value: 0.46756

fdr-adjusted p-value: 0.94604



p-value: 0.46871

fdr-adjusted p-value: 0.94604

species: UBA1819.[105]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0

1

2

3

p-value: 0.47094

fdr-adjusted p-value: 0.94604



STAI_TOTAL

- ACUTE

- CEED

- FARGO

40 80 120 160

STAI_TOTAL

p-value: 0.48539

fdr-adjusted p-value: 0.94604

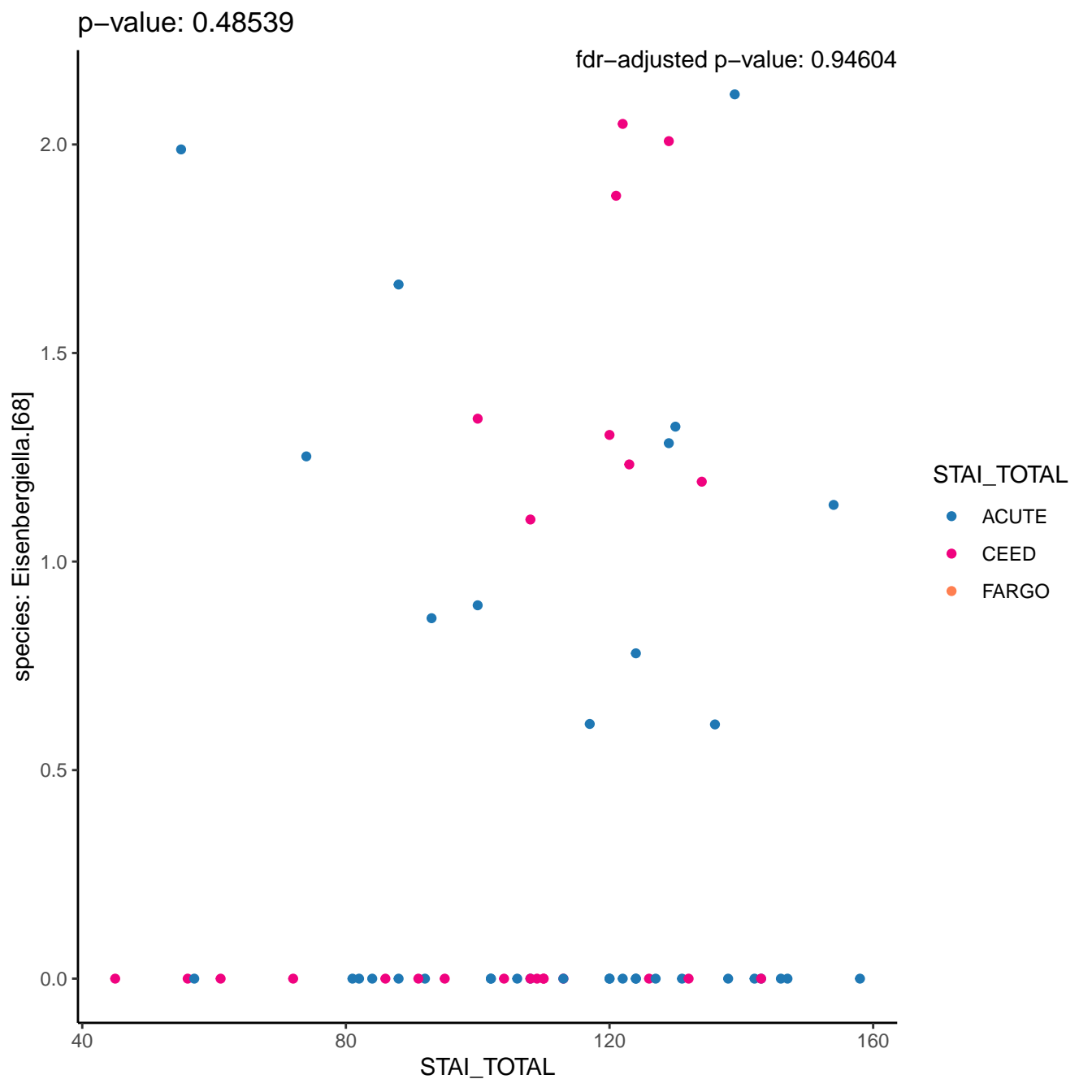
species: Eisenbergiella.[68]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.48661

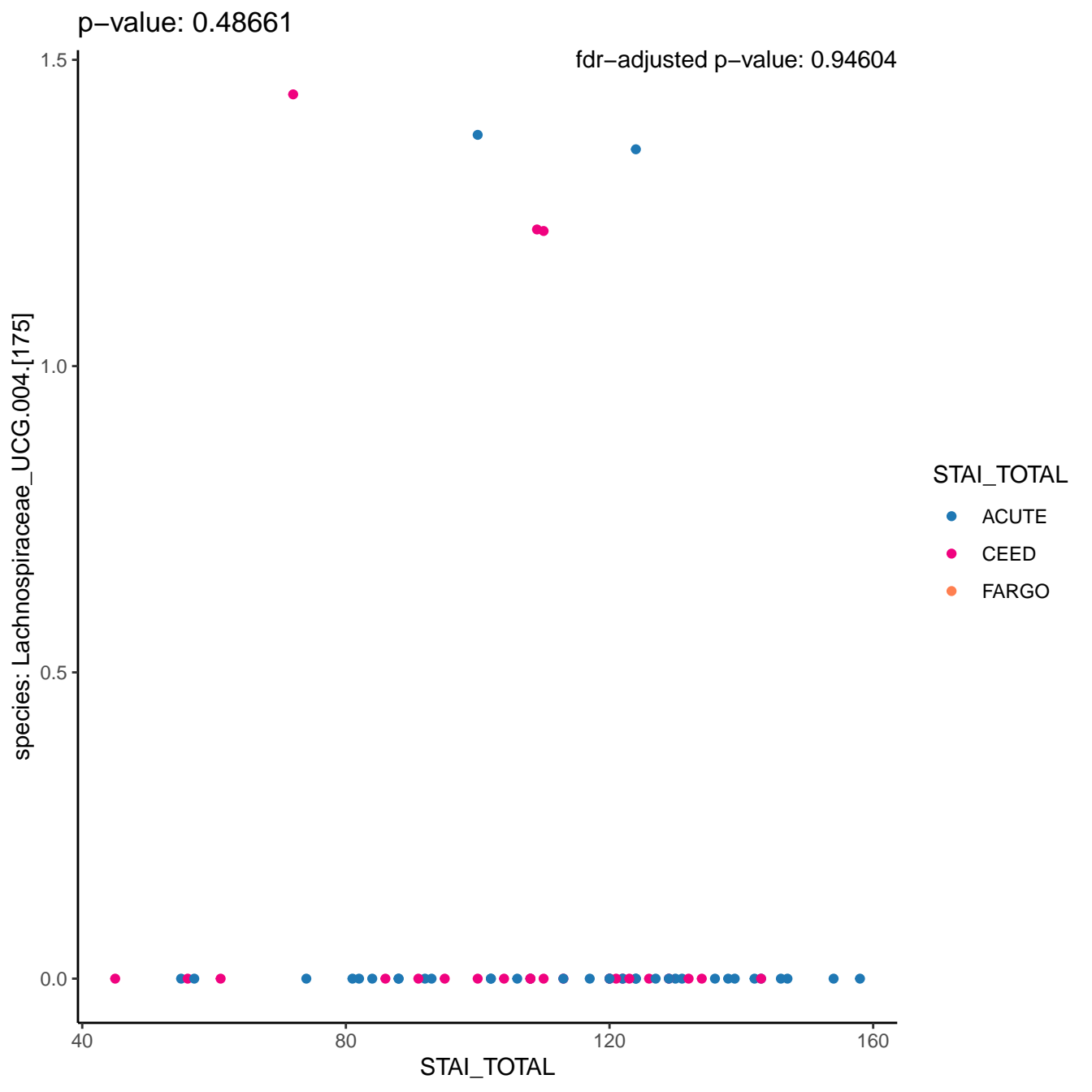
fdr-adjusted p-value: 0.94604

species: Lachnospiraceae_UCG.004.[175]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.48835

fdr-adjusted p-value: 0.94604

species: .Ruminococcus._gnavus_group.[134]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL

0 1 2 3

p-value: 0.49091

fdr-adjusted p-value: 0.94604

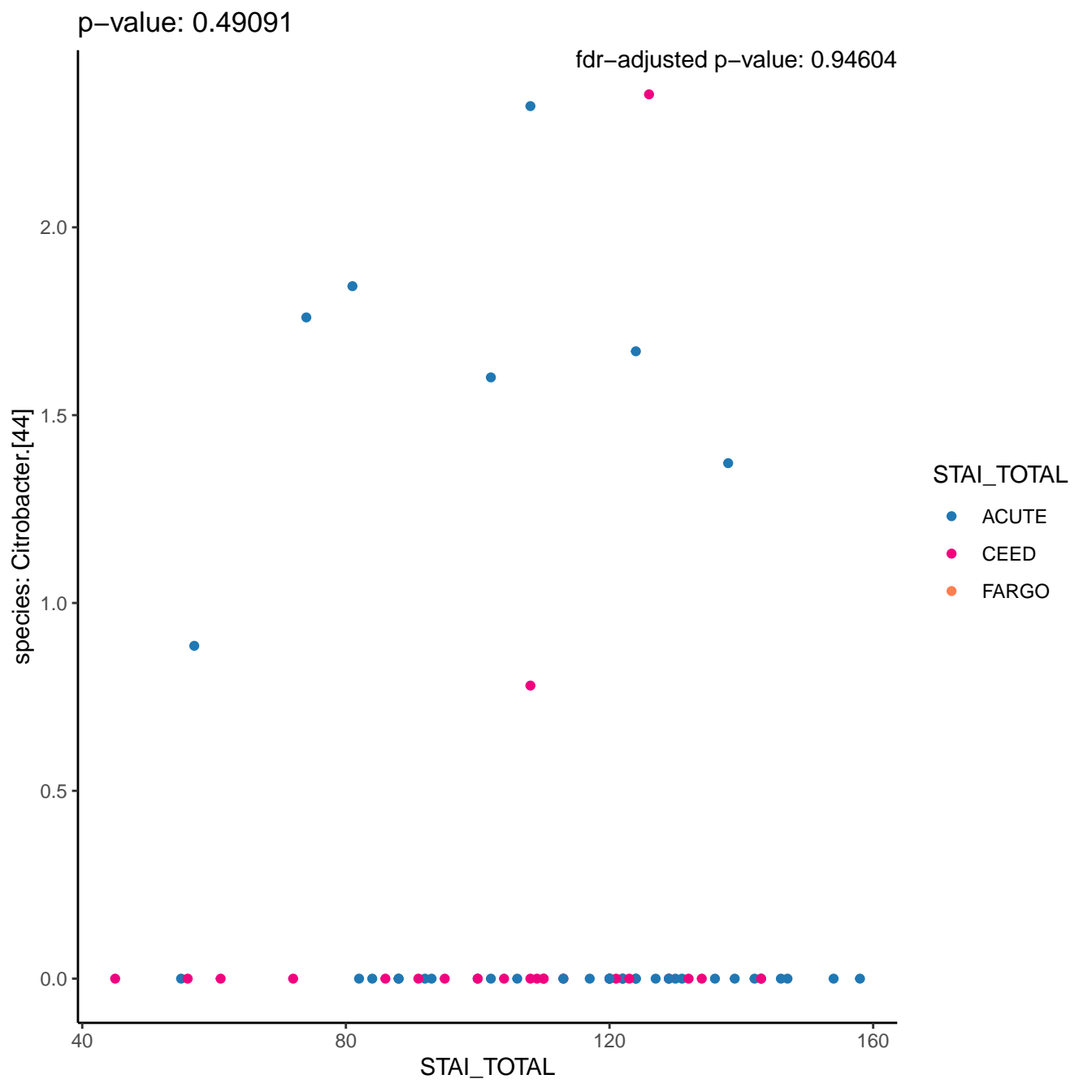
species: Citrobacter.[44]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.49111

fdr-adjusted p-value: 0.94604

species: g__Tyzzerella (UB*)[111]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.49418

fdr-adjusted p-value: 0.94604

species: Enterococcus.[150]

STAI_TOTAL

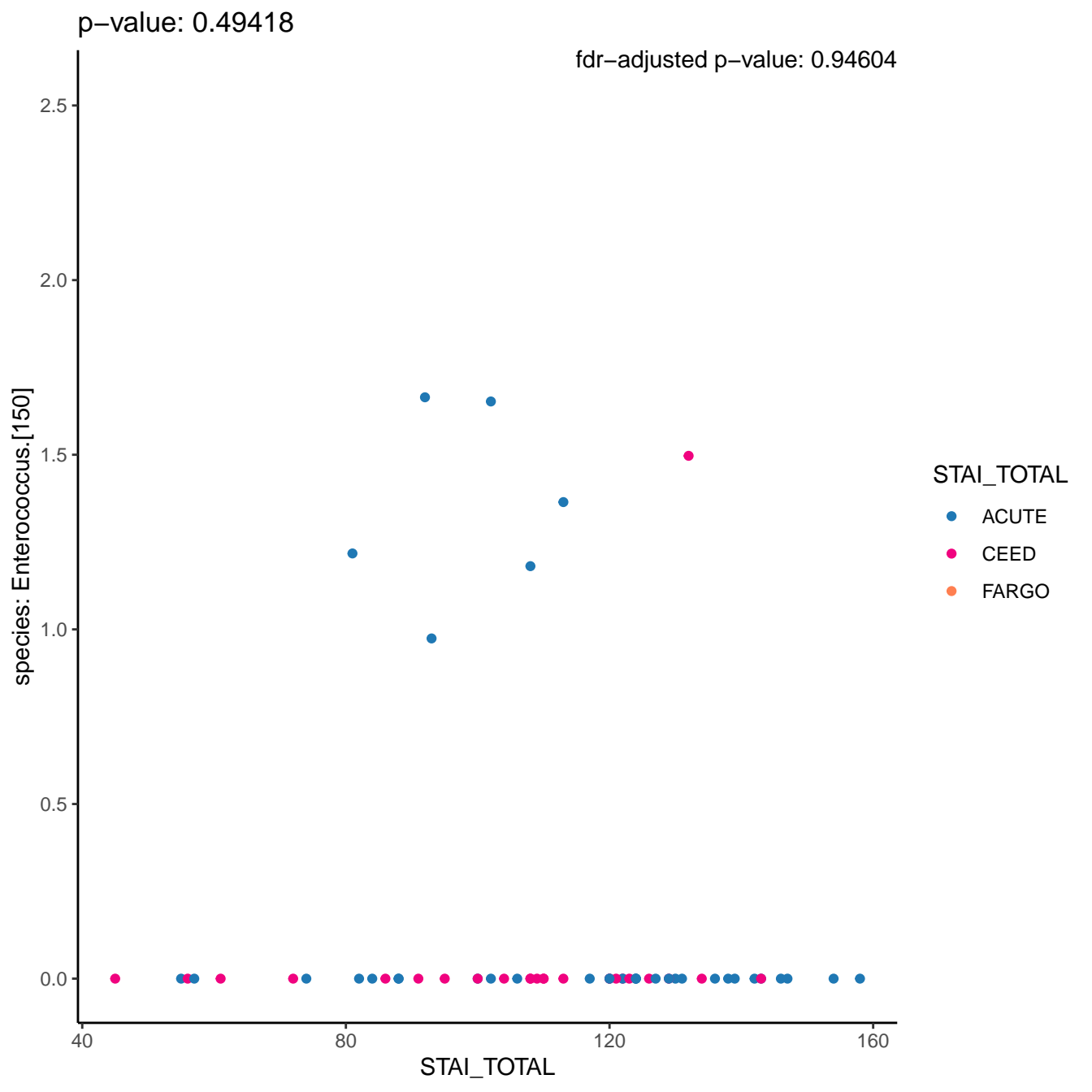
ACUTE

CEED

FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.51252

fdr-adjusted p-value: 0.94604

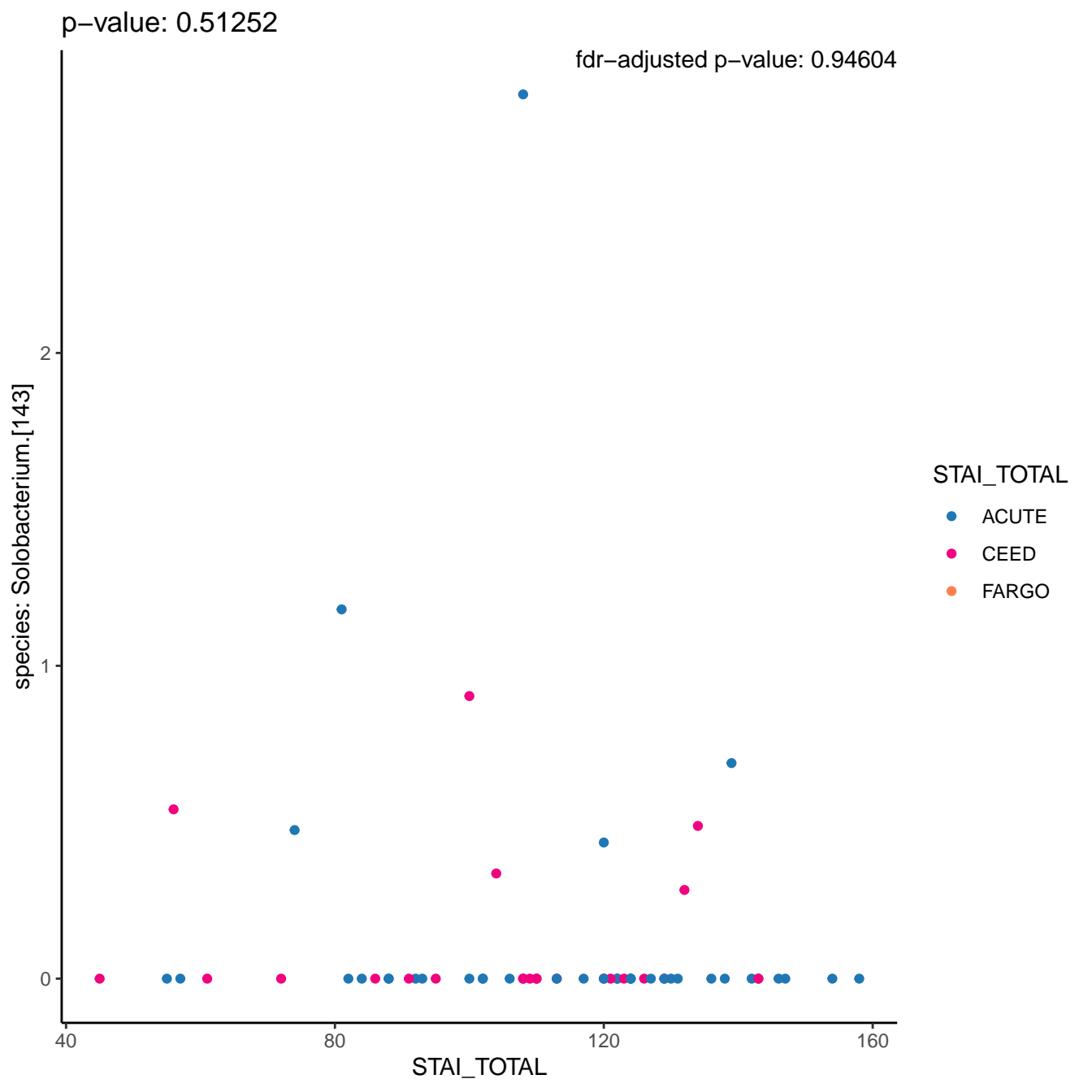
species: Solobacterium.[143]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.51604

fdr-adjusted p-value: 0.94604

species: g__uncultured (UB*)[100]

STAI_TOTAL

ACUTE
CEED
FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.52414

fdr-adjusted p-value: 0.94604

species: Ruminococcus.[99]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL

3

2

1

0

p-value: 0.5263

fdr-adjusted p-value: 0.94604

species: g___Eubacterium_coprostanoligenes_group (UB*)[11]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.52773

fdr-adjusted p-value: 0.94604

species: Hungatella.[131]

STAI_TOTAL

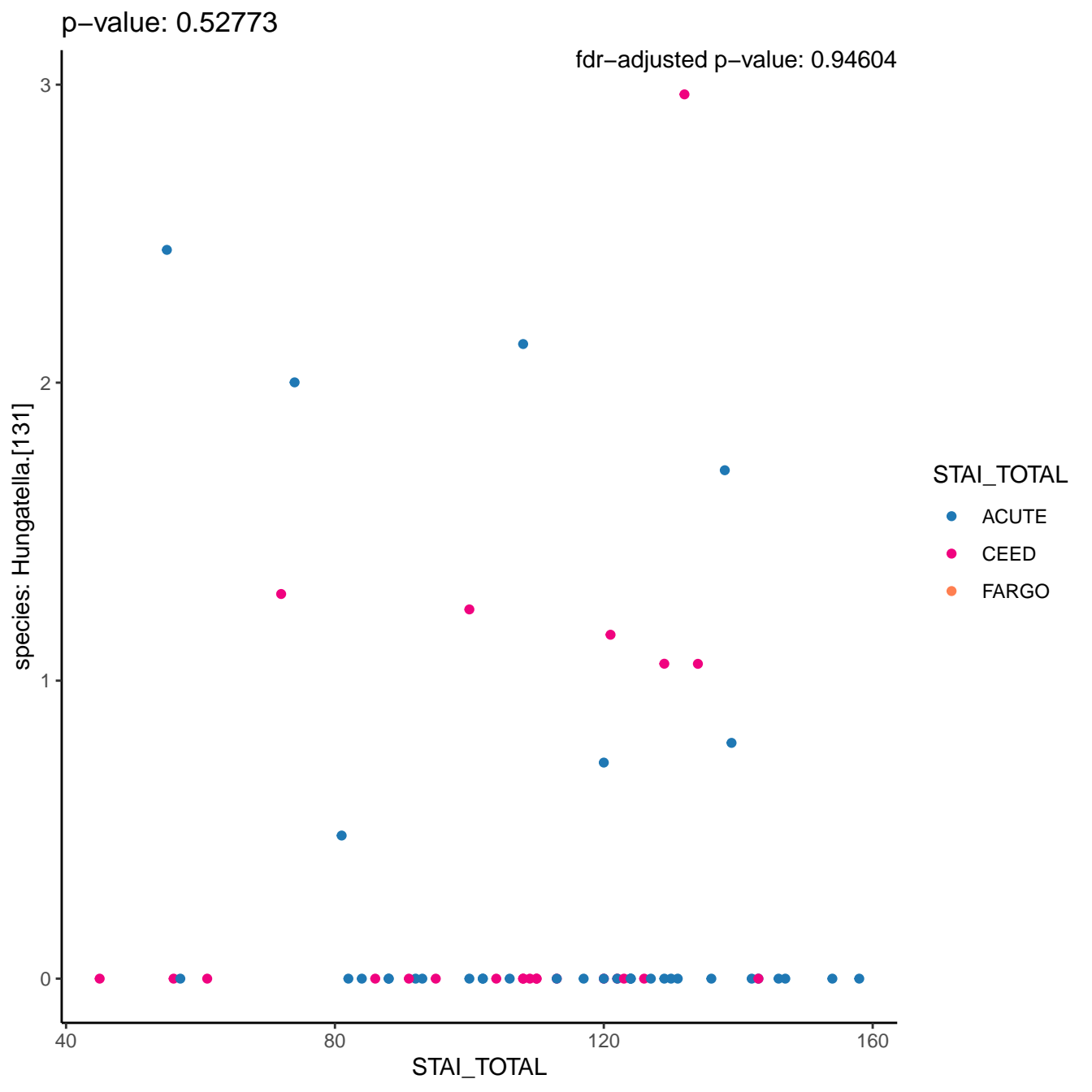
ACUTE

CEED

FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.52819

fdr-adjusted p-value: 0.94604

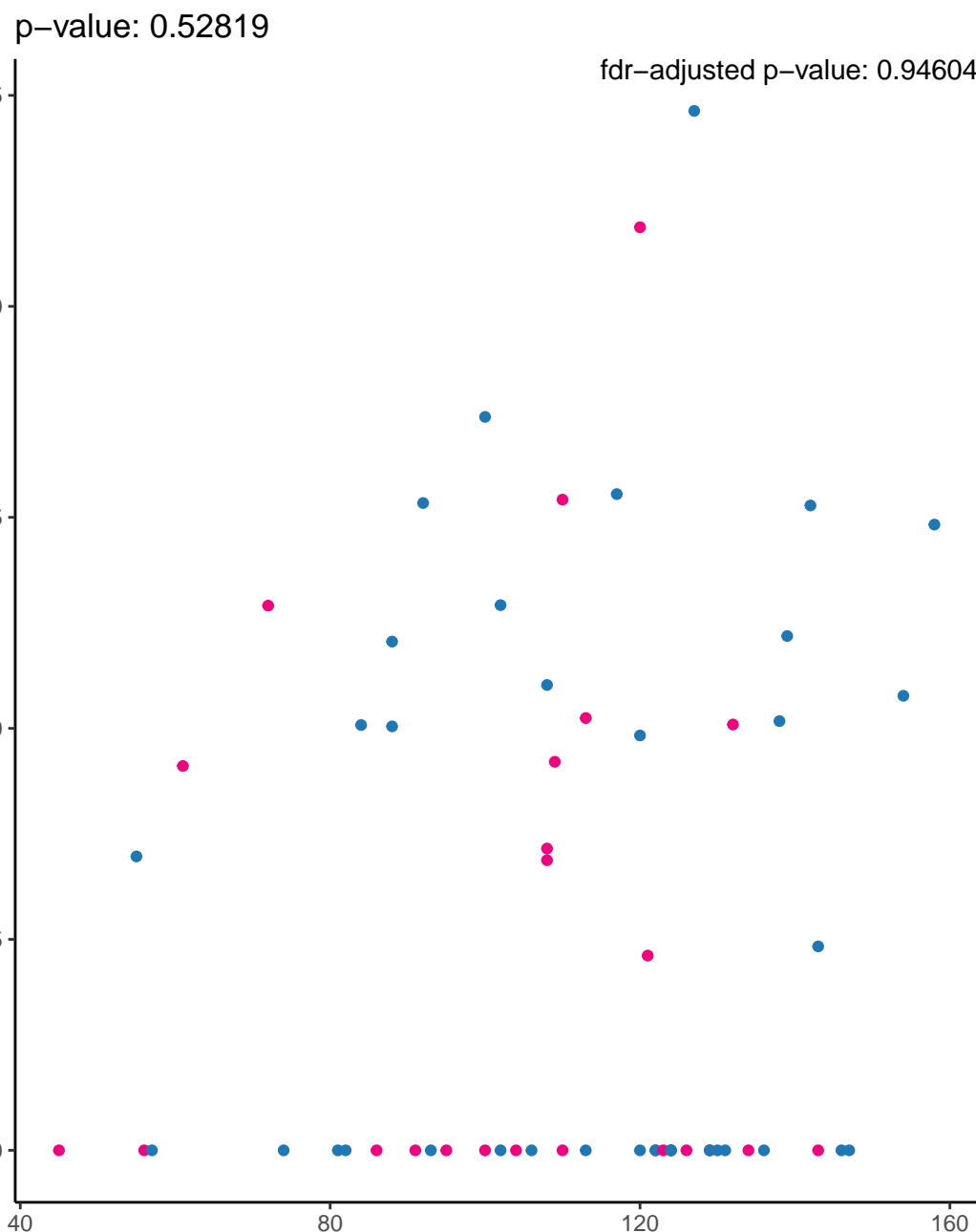
species: *Lactococcus lactis*[165]

STAI_TOTAL

ACUTE
CEED
FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.54631

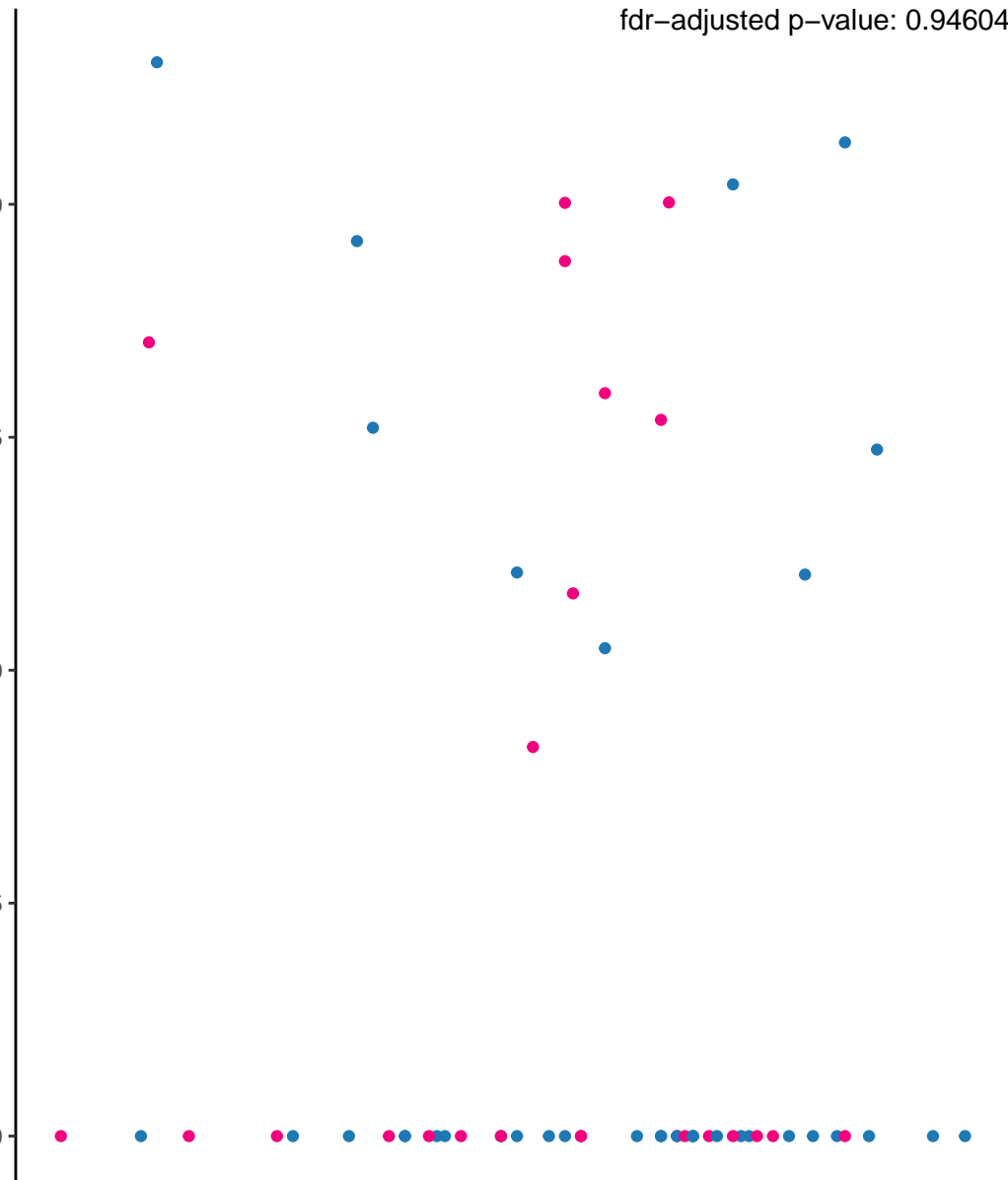
fdr-adjusted p-value: 0.94604

species: g__Negativibacillus (UB*)[141]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.55312

fdr-adjusted p-value: 0.94604

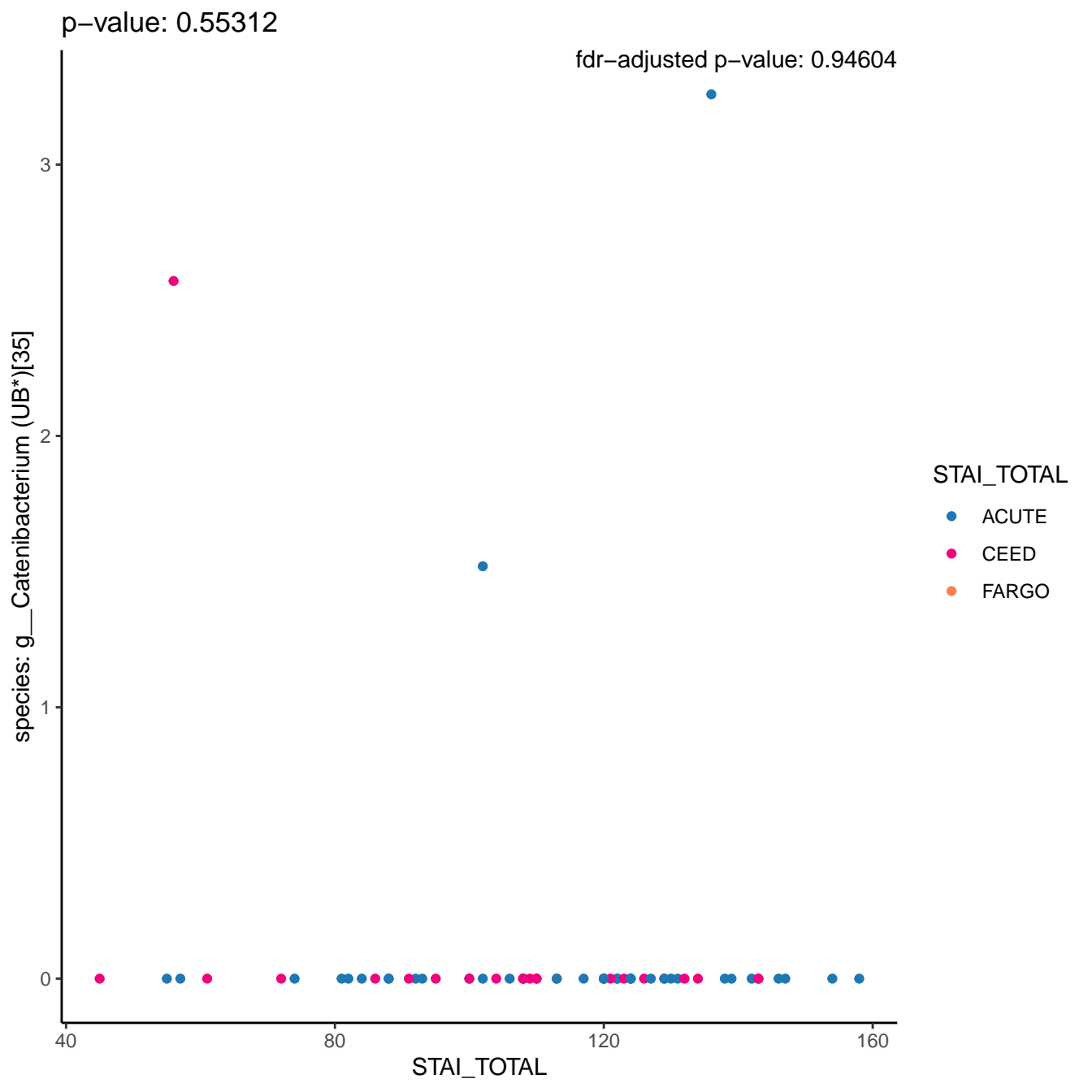
species: g__Catenibacterium (UB*)[35]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.572

fdr-adjusted p-value: 0.94604

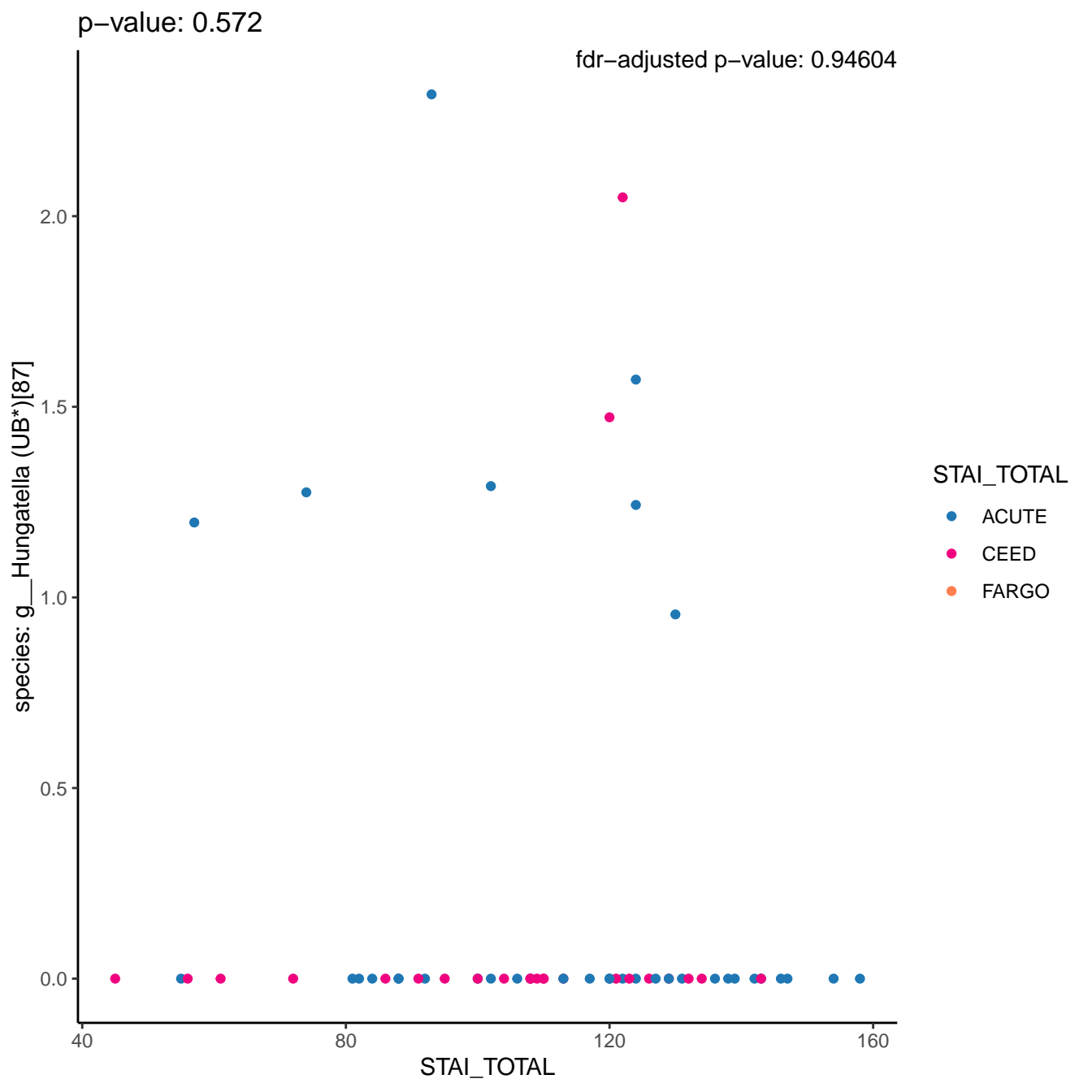
species: g__Hungatella (UB*)[87]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.57548

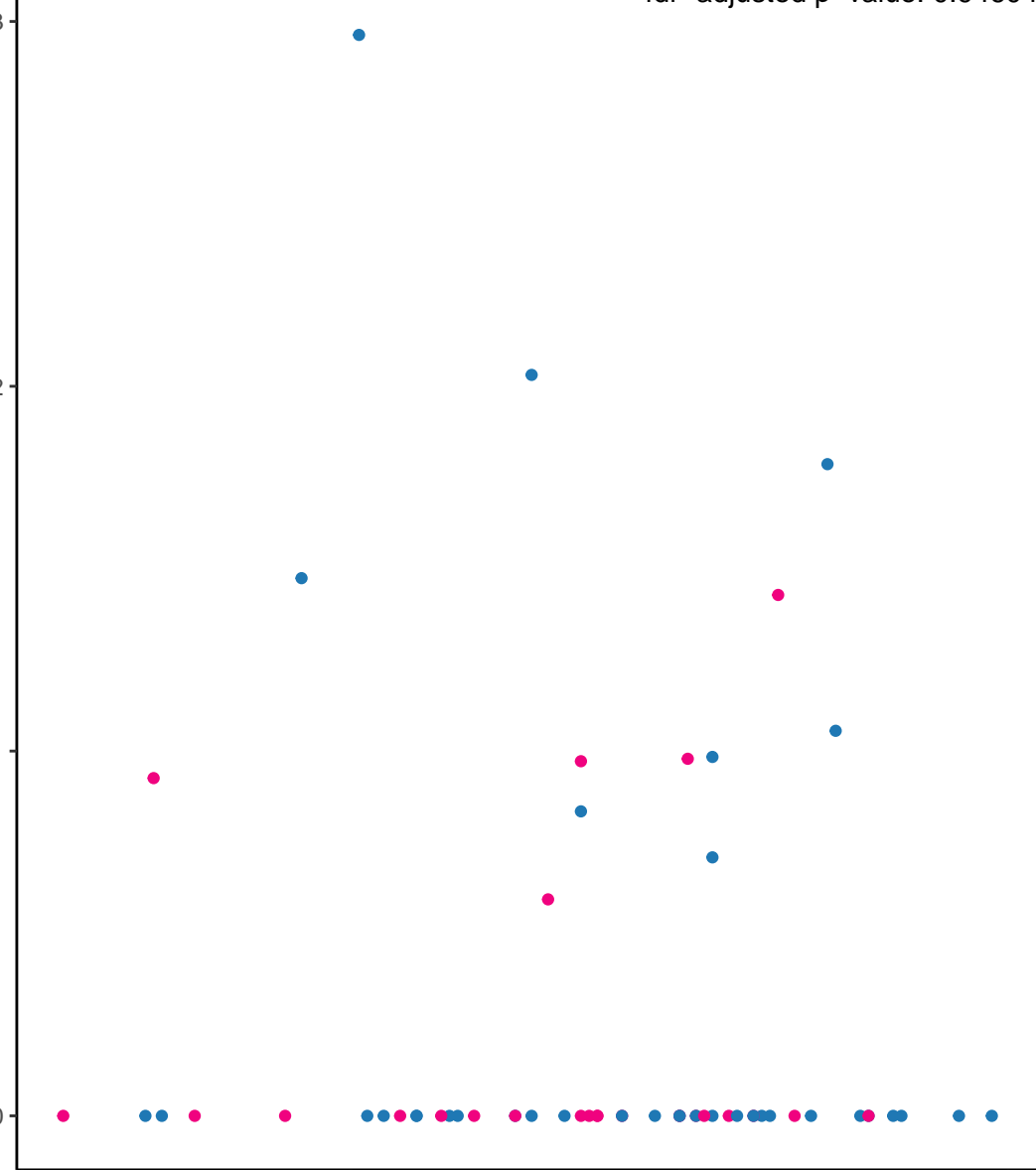
fdr-adjusted p-value: 0.94604

species: *Lactobacillus_rhamnosus*[84]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.58875

fdr-adjusted p-value: 0.94604

species: *Erysipelatoclostridium*. [77]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

p-value: 0.59256

fdr-adjusted p-value: 0.94604

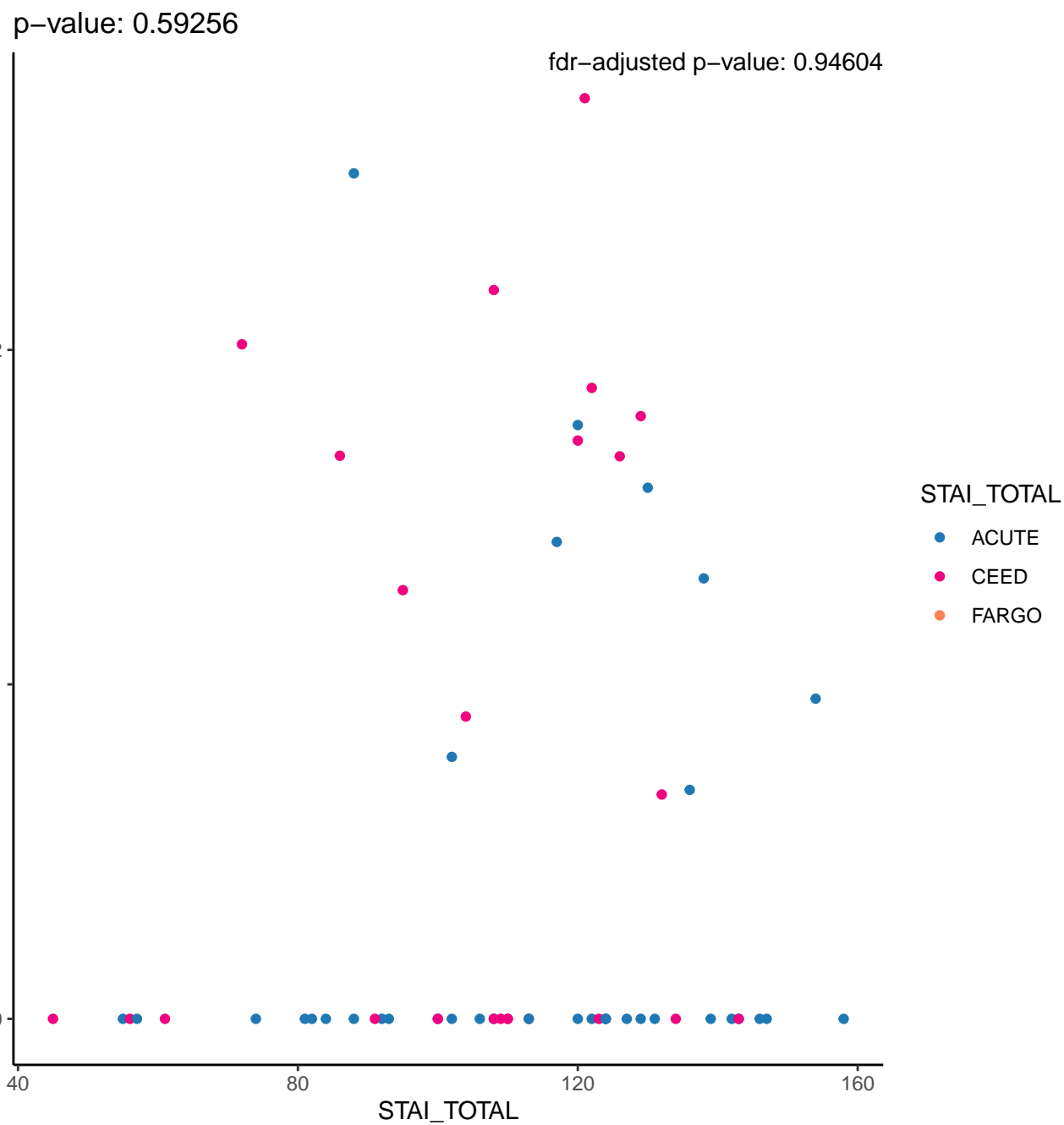
species: g__Faecalitalea (UB*)[9]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

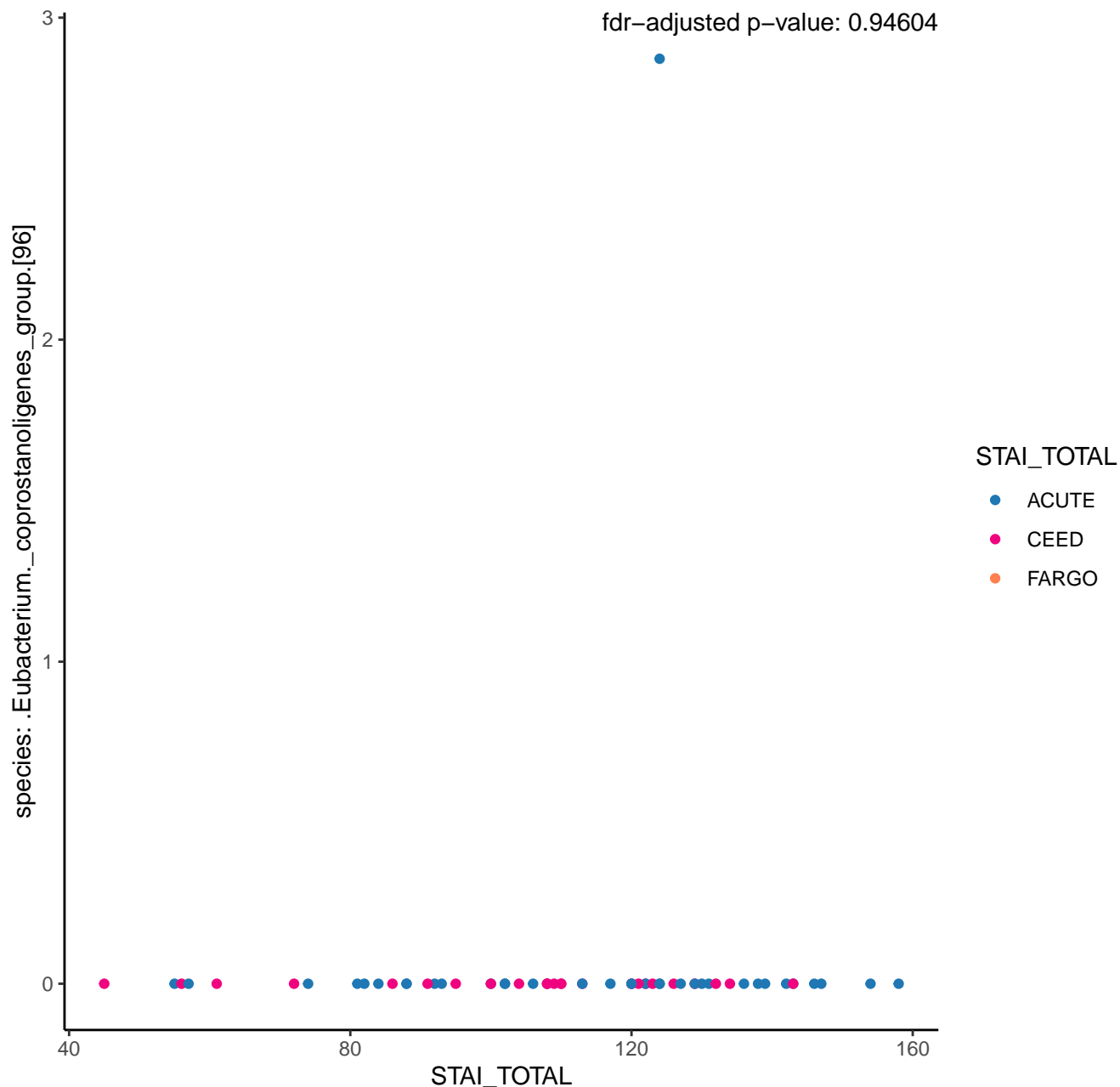
40 80 120 160

STAI_TOTAL



p-value: 0.60118

fdr-adjusted p-value: 0.94604



p-value: 0.66261

fdr-adjusted p-value: 0.94604

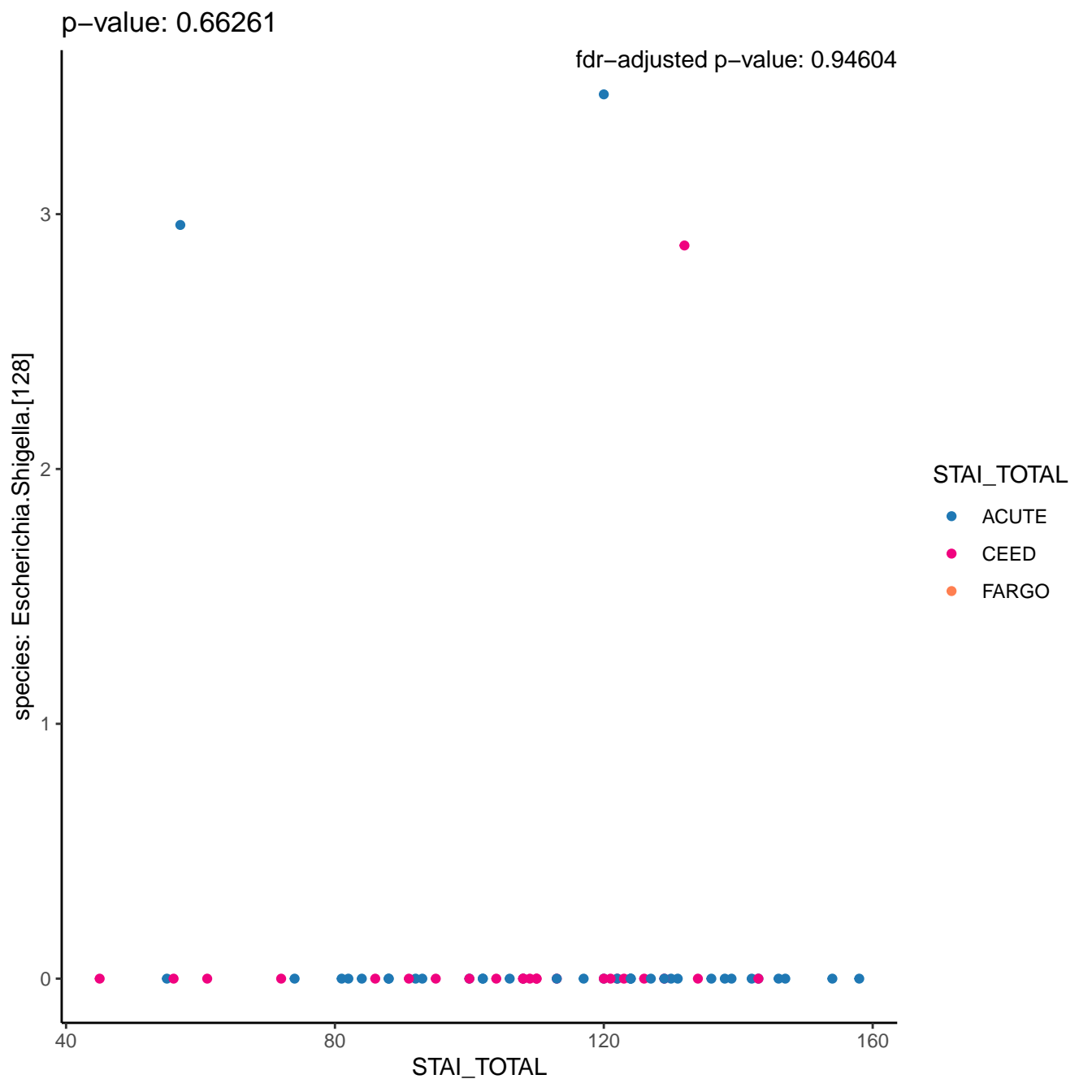
species: *Escherichia.Shigella*. [128]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

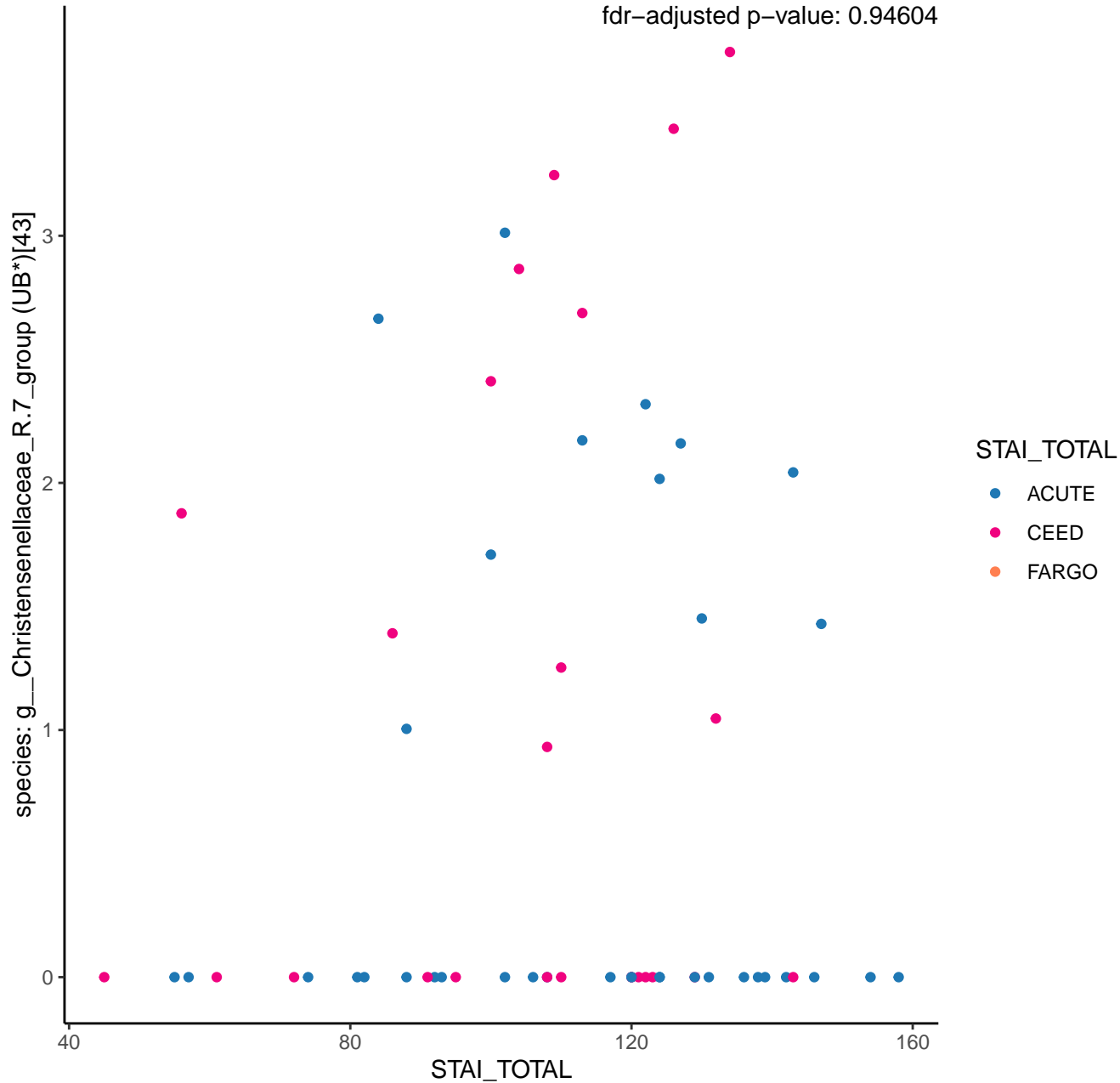
40 80 120 160

STAI_TOTAL



p-value: 0.66905

fdr-adjusted p-value: 0.94604



p-value: 0.673

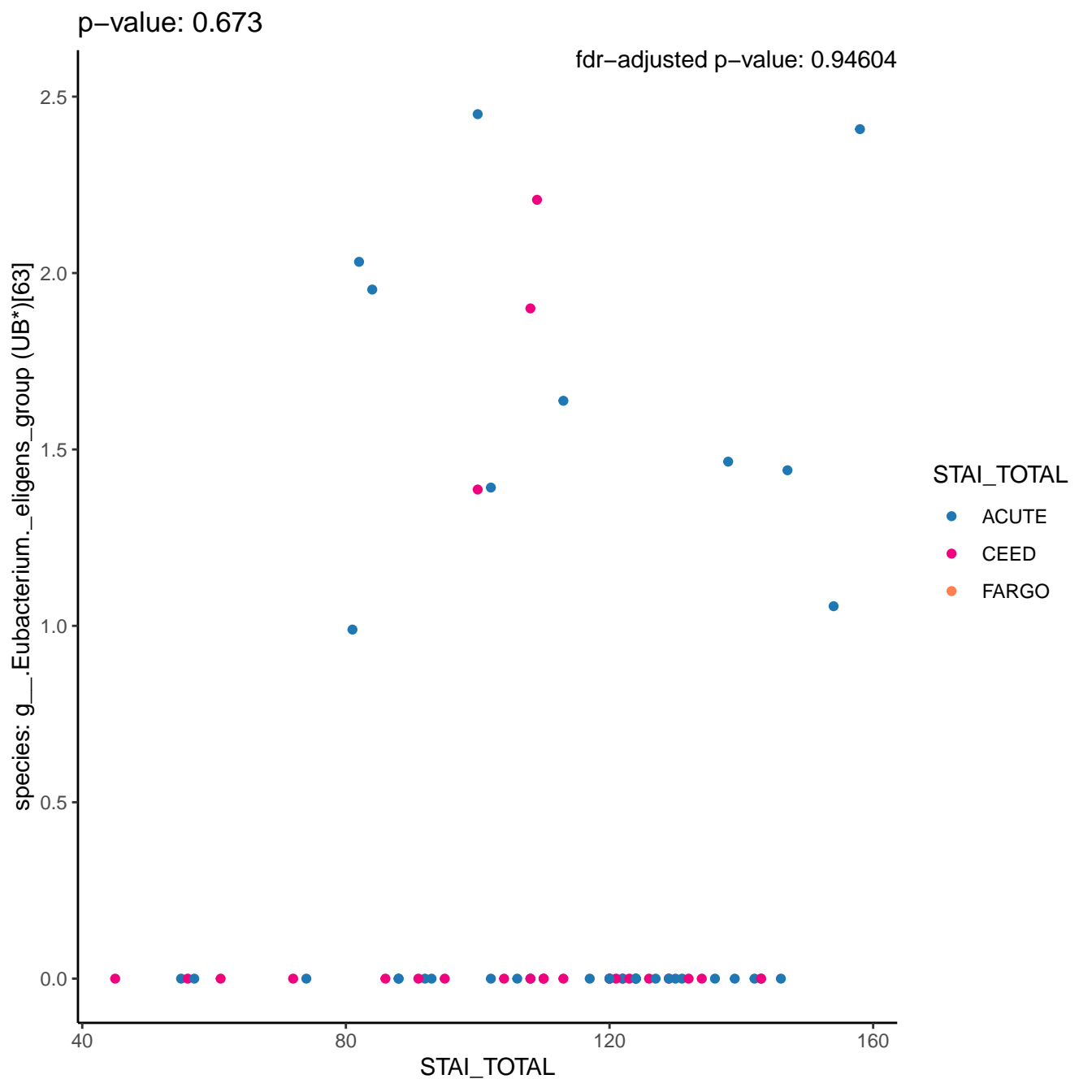
fdr-adjusted p-value: 0.94604

species: g__Eubacterium._eligans_group (UB*)[63]

STAI_TOTAL

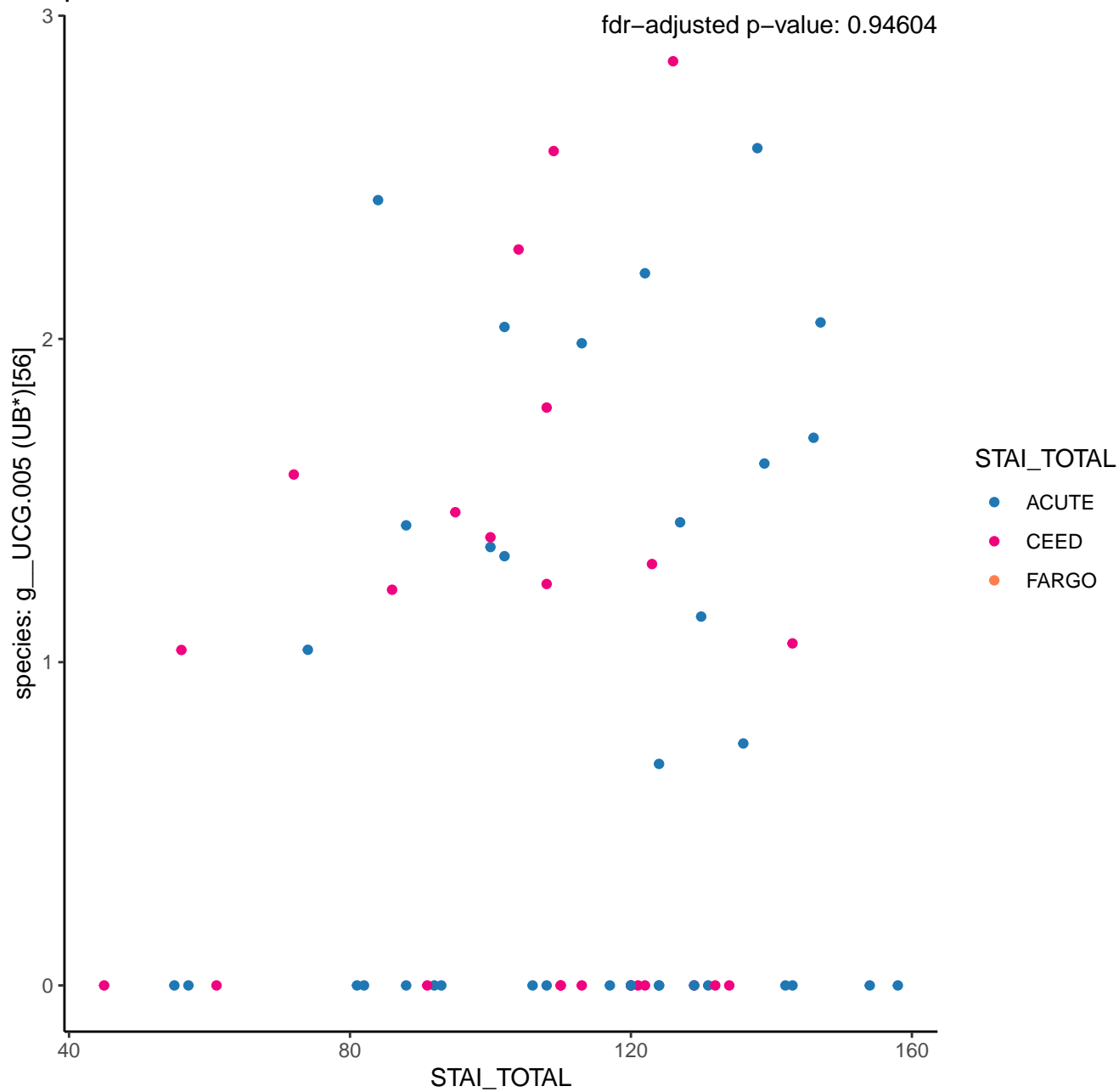
- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.6816

fdr-adjusted p-value: 0.94604



p-value: 0.68166

fdr-adjusted p-value: 0.94604

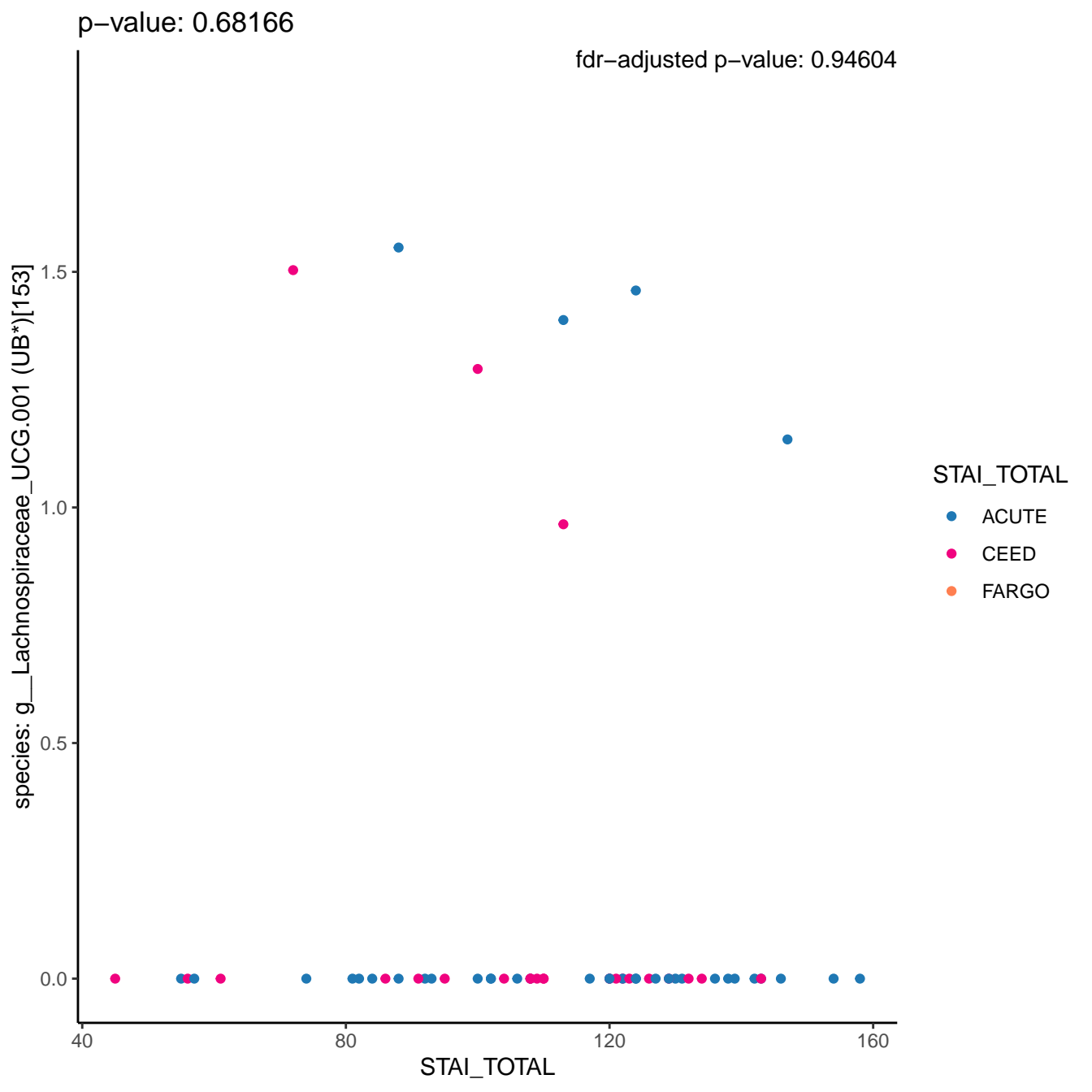
species: g__Lachnospiraceae_UCG.001 (UB*)[153]

STAI_TOTAL

● ACUTE
● CEED
● FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.68243

fdr-adjusted p-value: 0.94604

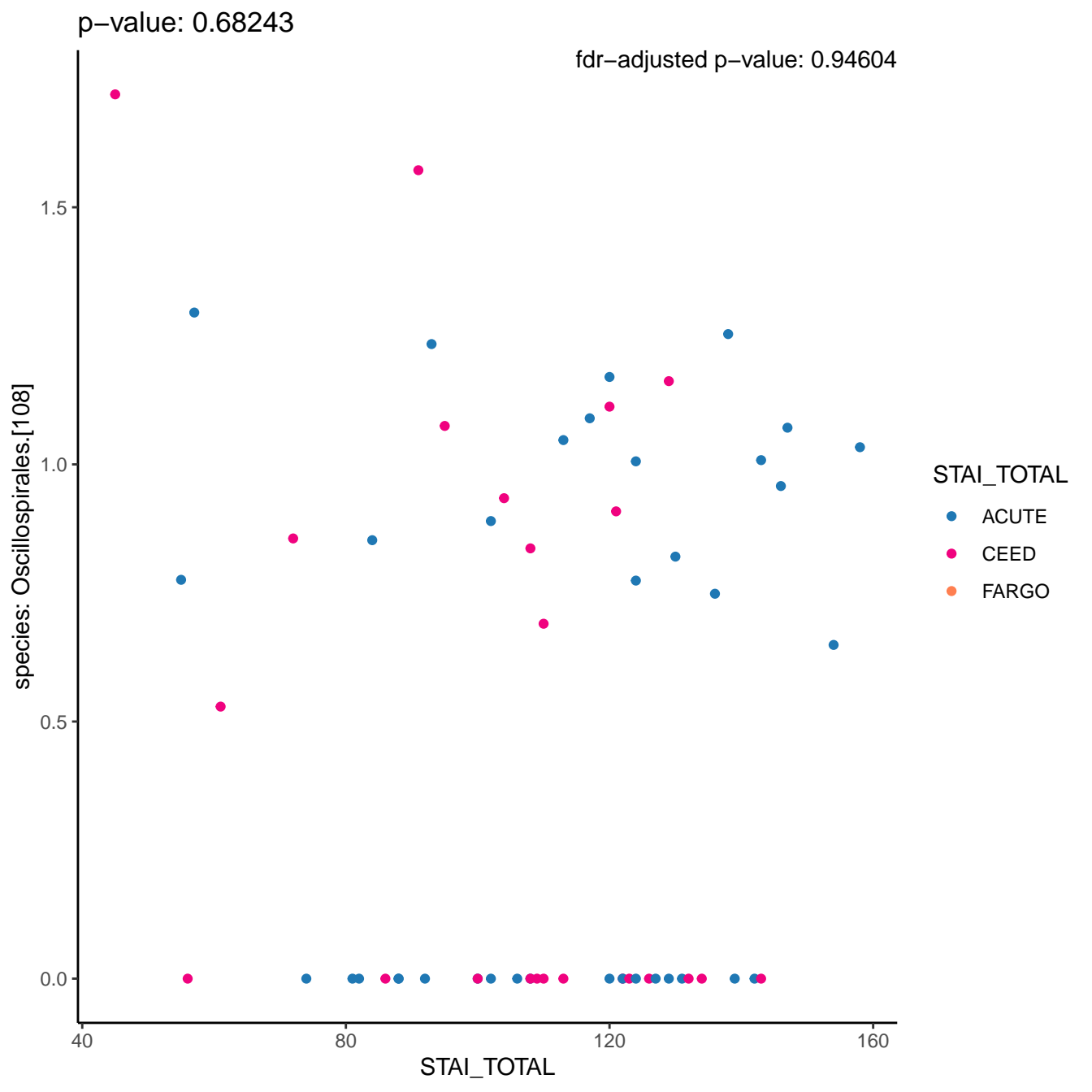
species: Oscillospirales.[108]

STAI_TOTAL

ACUTE
CEED
FARGO

STAI_TOTAL

40 80 120 160



p-value: 0.68316

fdr-adjusted p-value: 0.94604

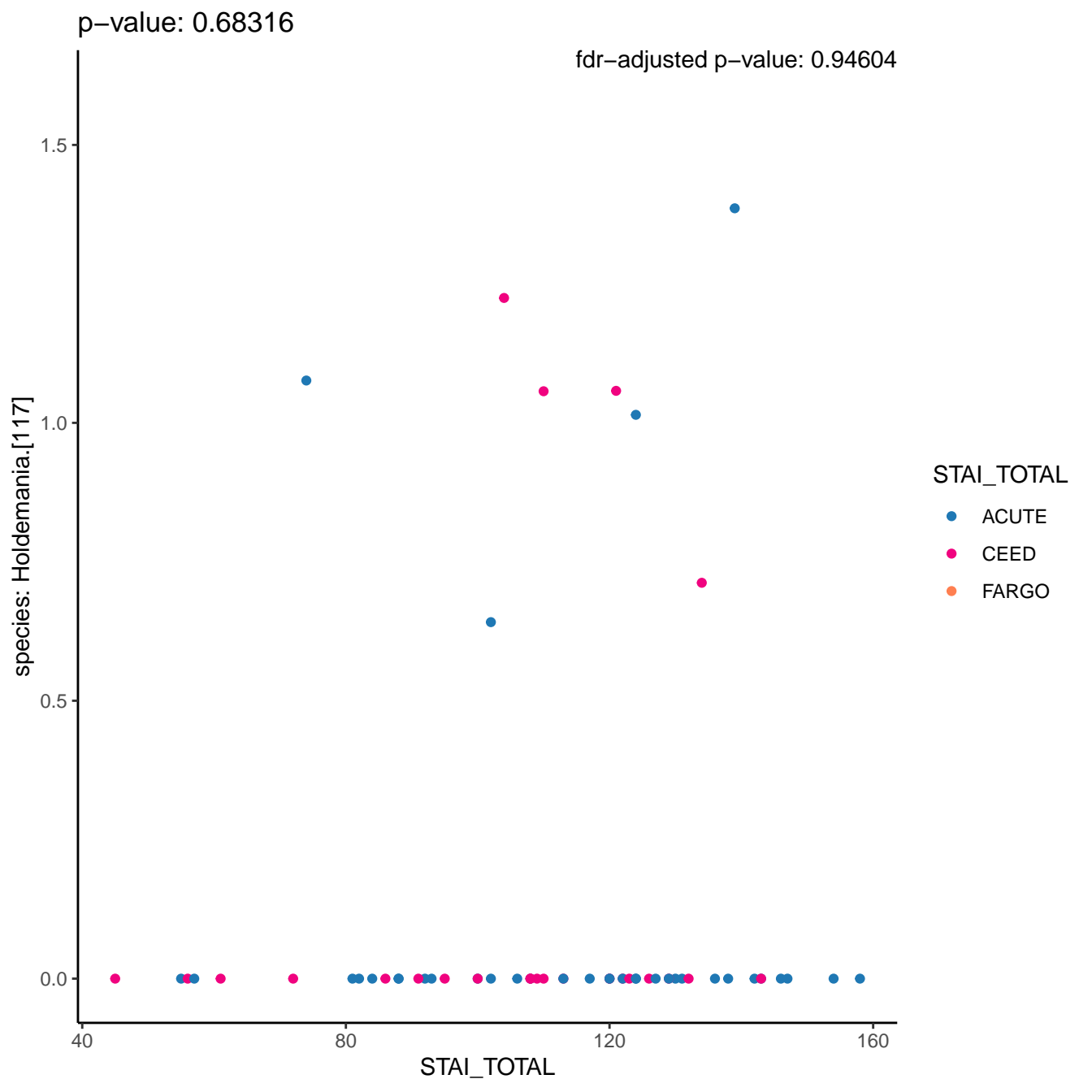
species: Holdemania.[117]

STAI_TOTAL

● ACUTE
● CEED
● FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.68781

fdr-adjusted p-value: 0.94604

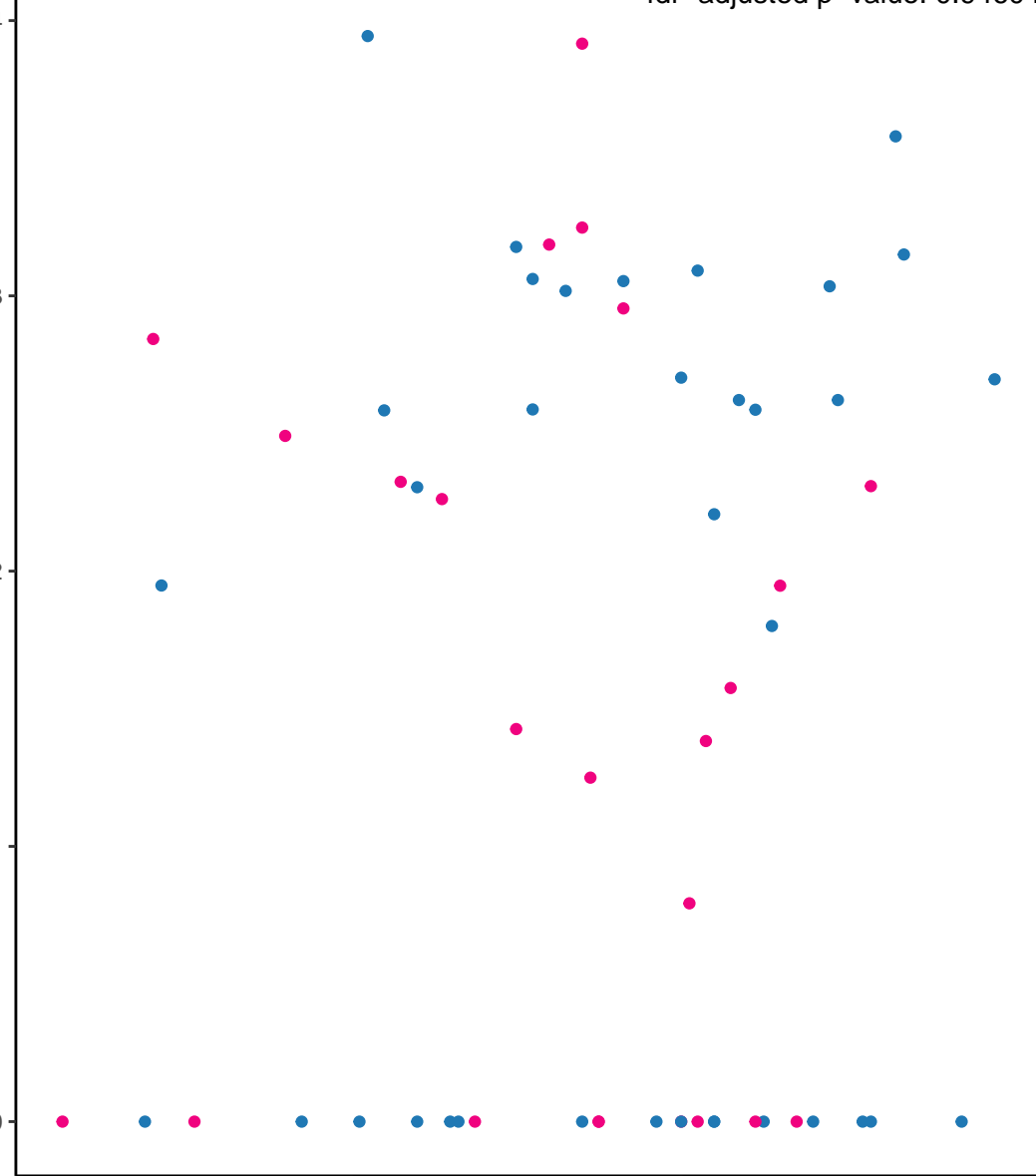
species: g__Ruminococcus (UB*)[3]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.68822

fdr-adjusted p-value: 0.94604

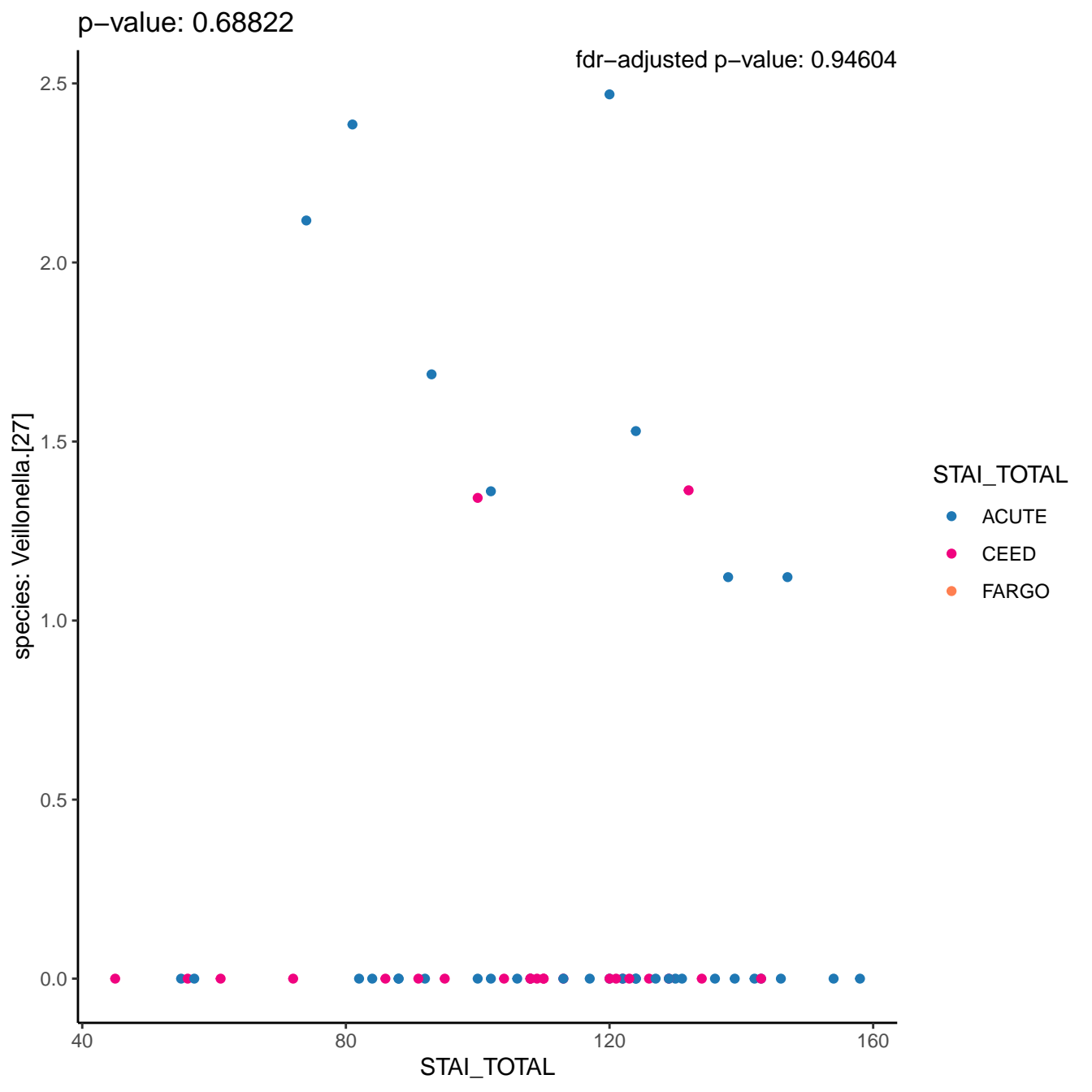
species: *Veillonella*. [27]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.70286

fdr-adjusted p-value: 0.94604

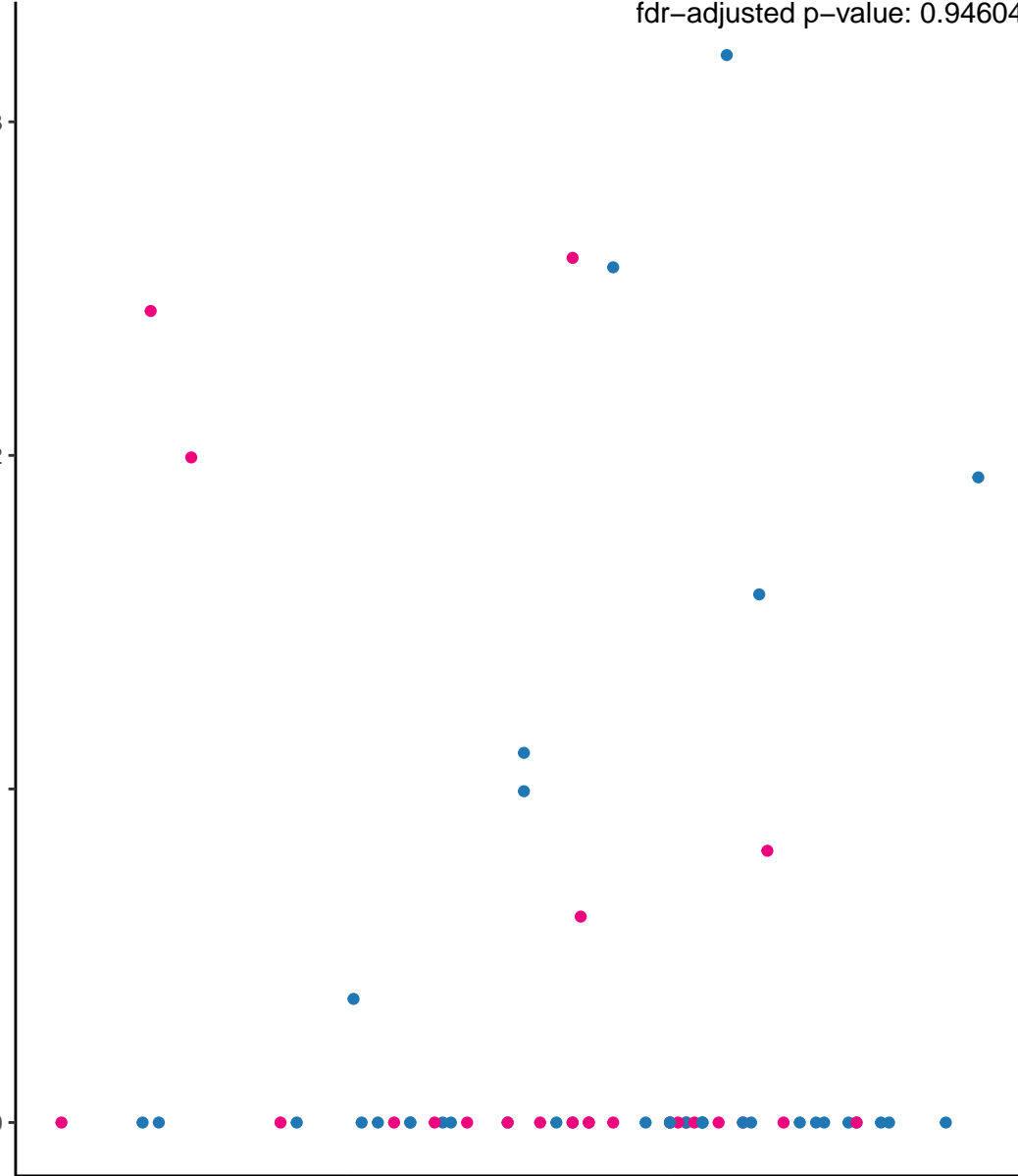
species: *Methanobrevibacter*. [69]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.7034

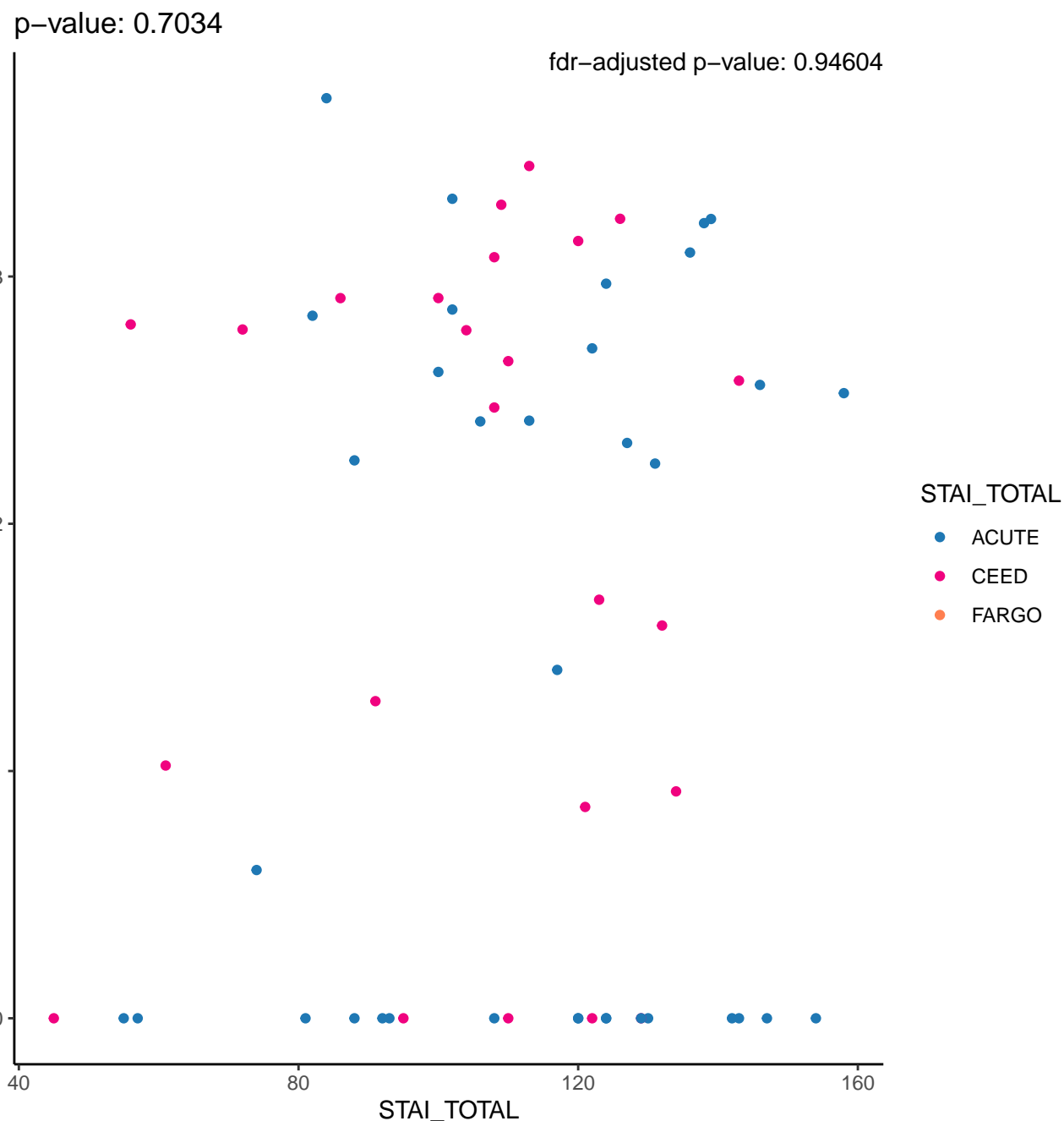
fdr-adjusted p-value: 0.94604

species: g__UCG.002 (UB*)[53]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.70655

fdr-adjusted p-value: 0.94604

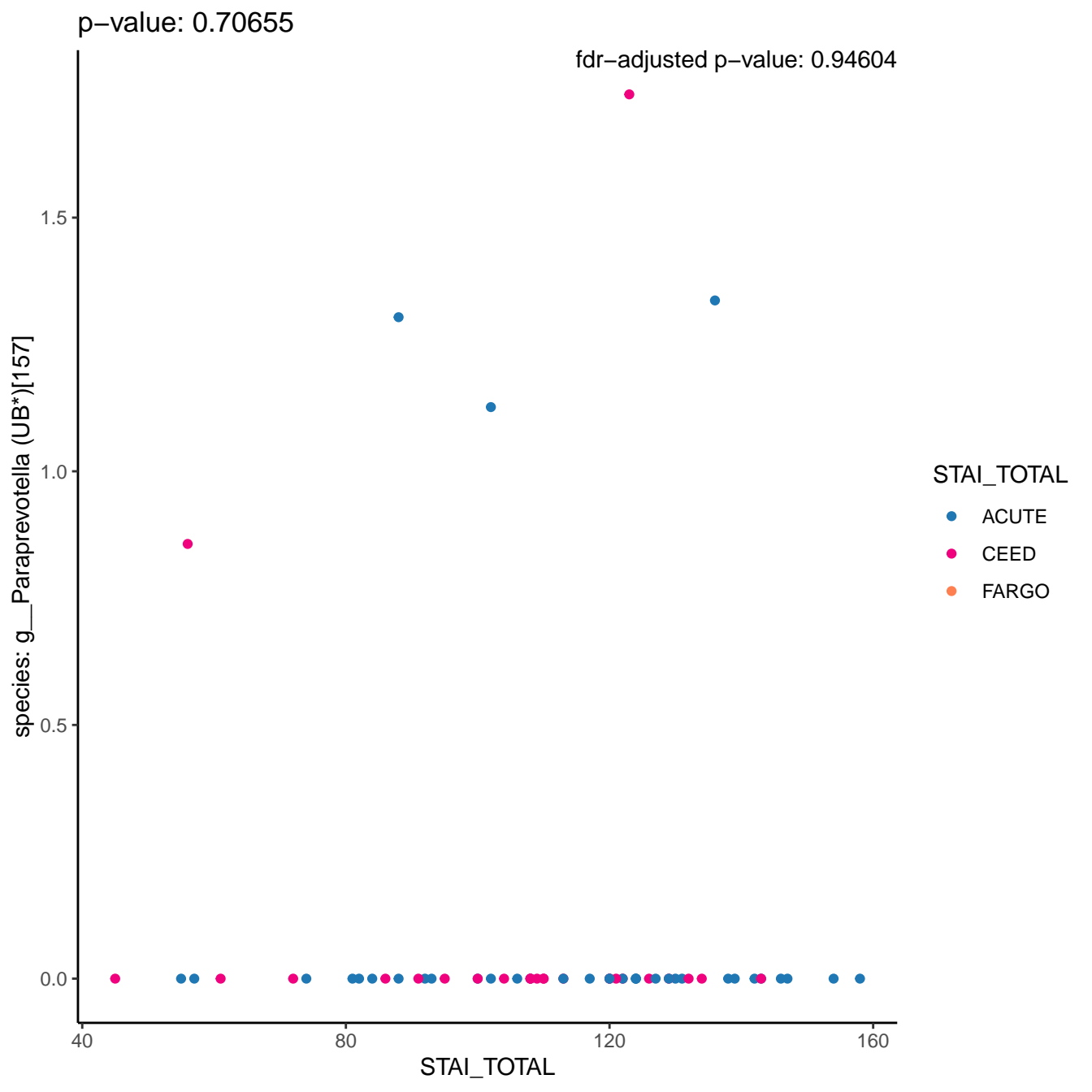
species: g__Paraprevotella (UB*)[157]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.70785

fdr-adjusted p-value: 0.94604

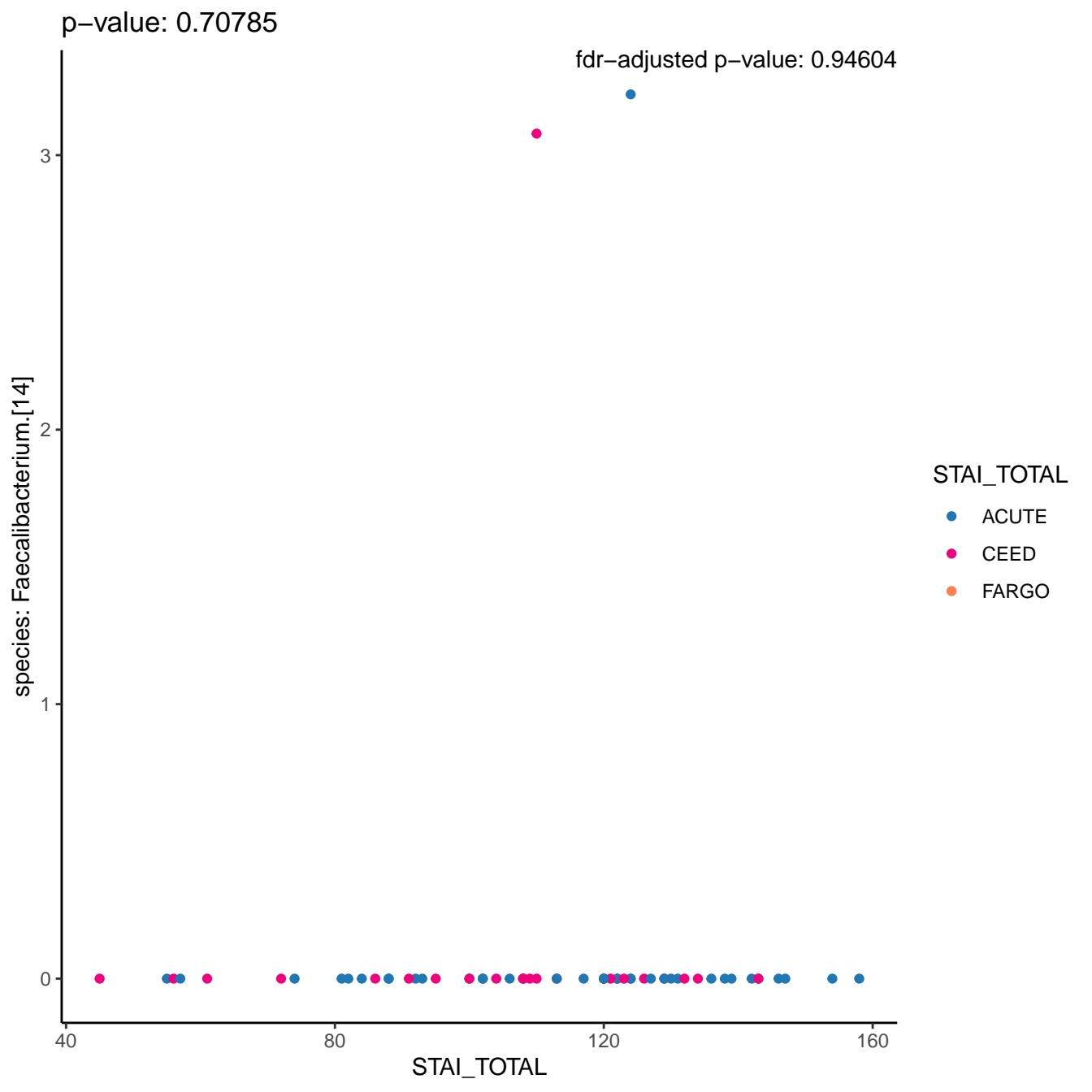
species: Faecalibacterium.[14]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.70792

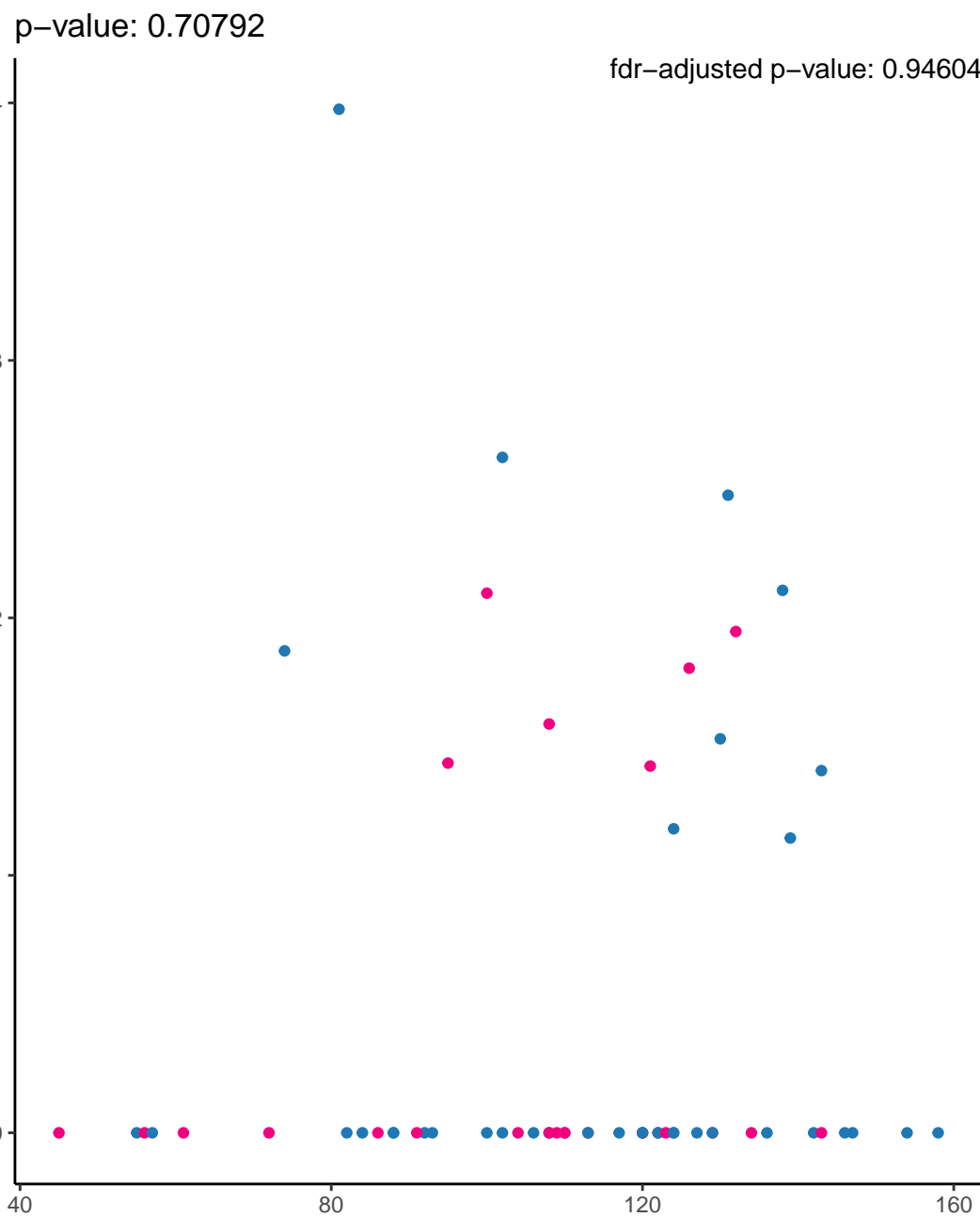
fdr-adjusted p-value: 0.94604

species: g__Lactobacillus (UB*) [91]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.70921

fdr-adjusted p-value: 0.94604

species: g__NK4A214_group (UB*)[41]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.71004

fdr-adjusted p-value: 0.94604

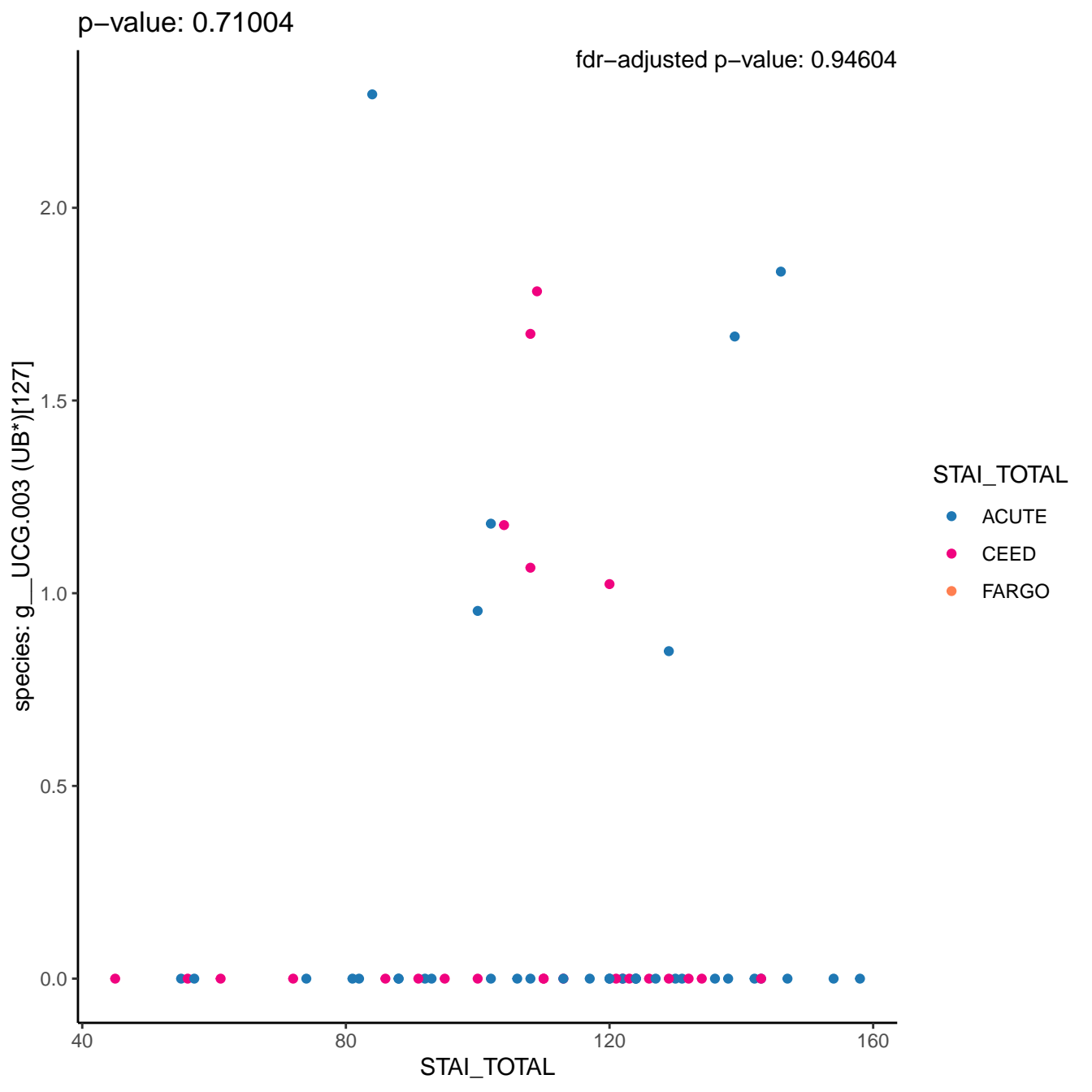
species: g__UCG.003 (UB*)[127]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.71613

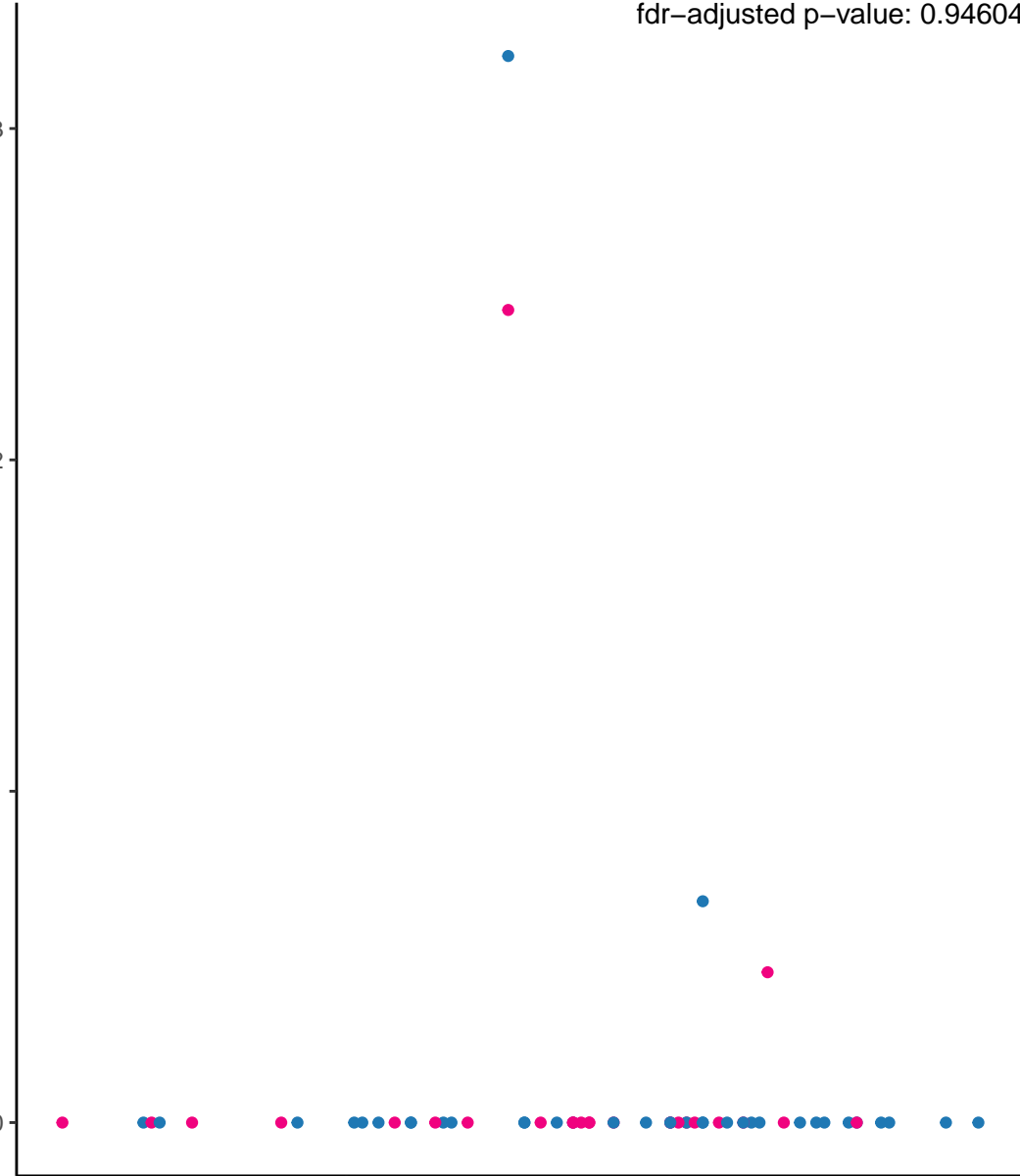
fdr-adjusted p-value: 0.94604

species: uncultured.[98]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.72037

fdr-adjusted p-value: 0.94604

species: Streptococcus.[89]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0

1

2

3

p-value: 0.72329

fdr-adjusted p-value: 0.94604

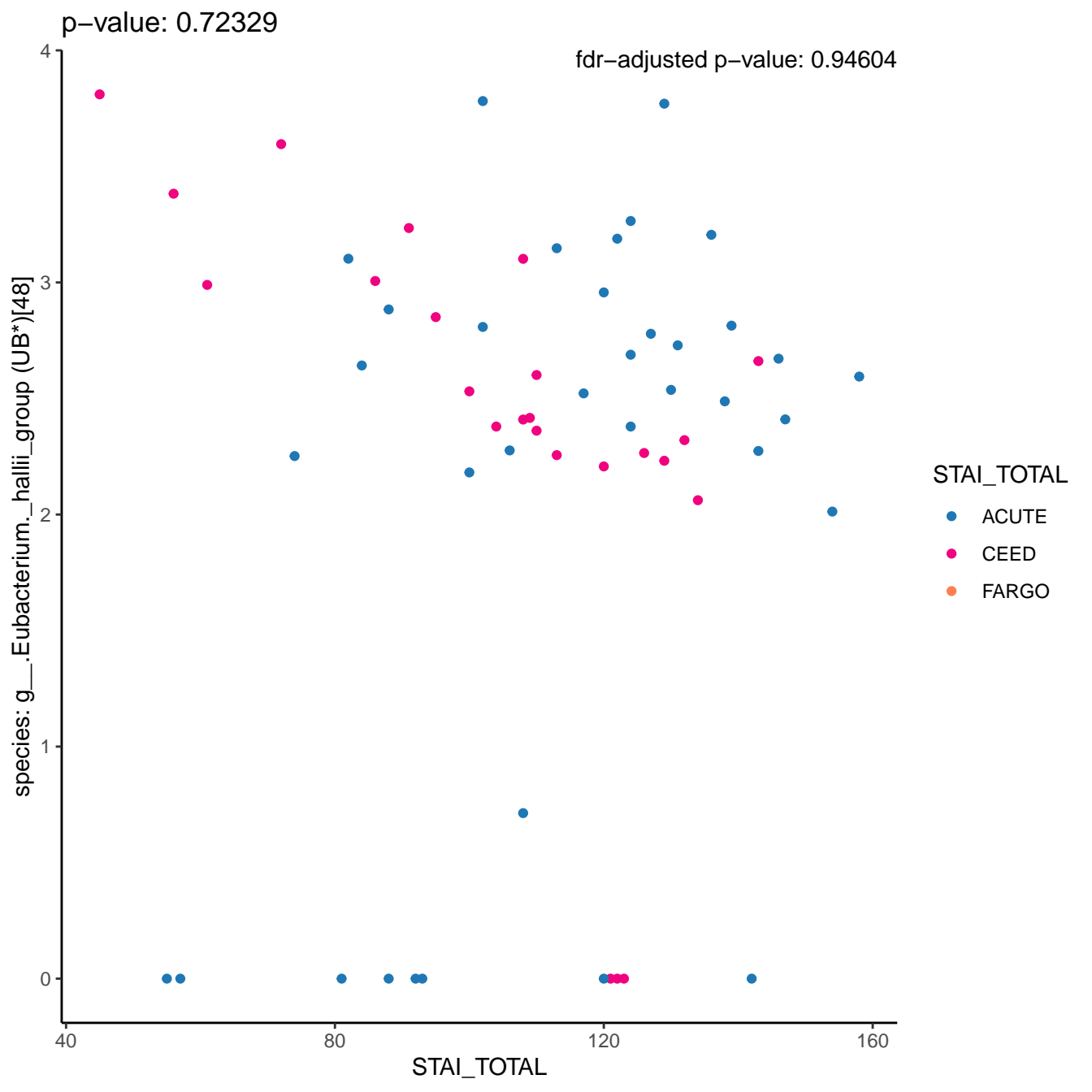
species: g__.Eubacterium._hallii_group (UB*)[48]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.72484

fdr-adjusted p-value: 0.94604

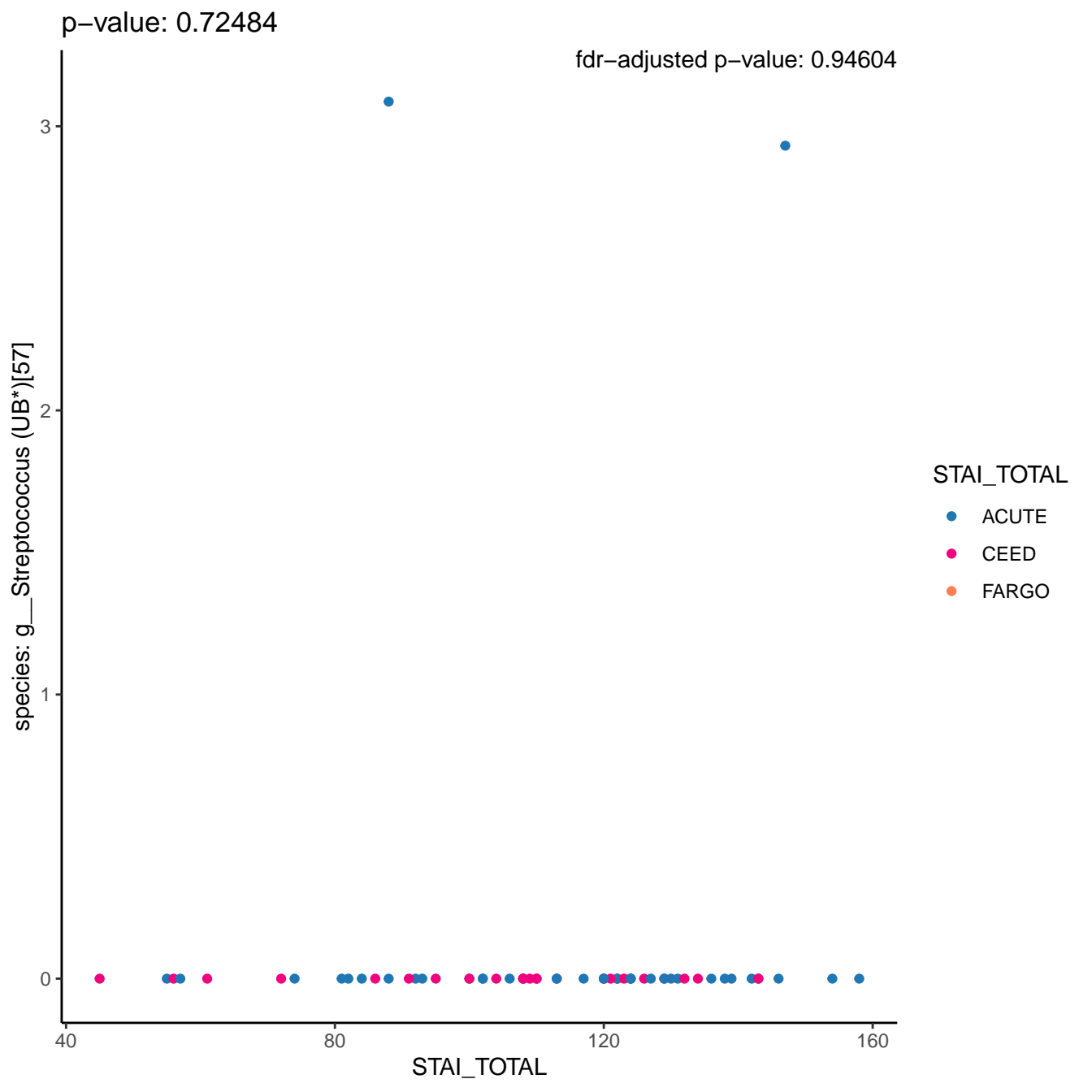
species: g__Streptococcus (UB*)[57]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.72826

fdr-adjusted p-value: 0.94604

species: g__Eubacterium._ruminantium_group (UB*)[129]

STAI_TOTAL

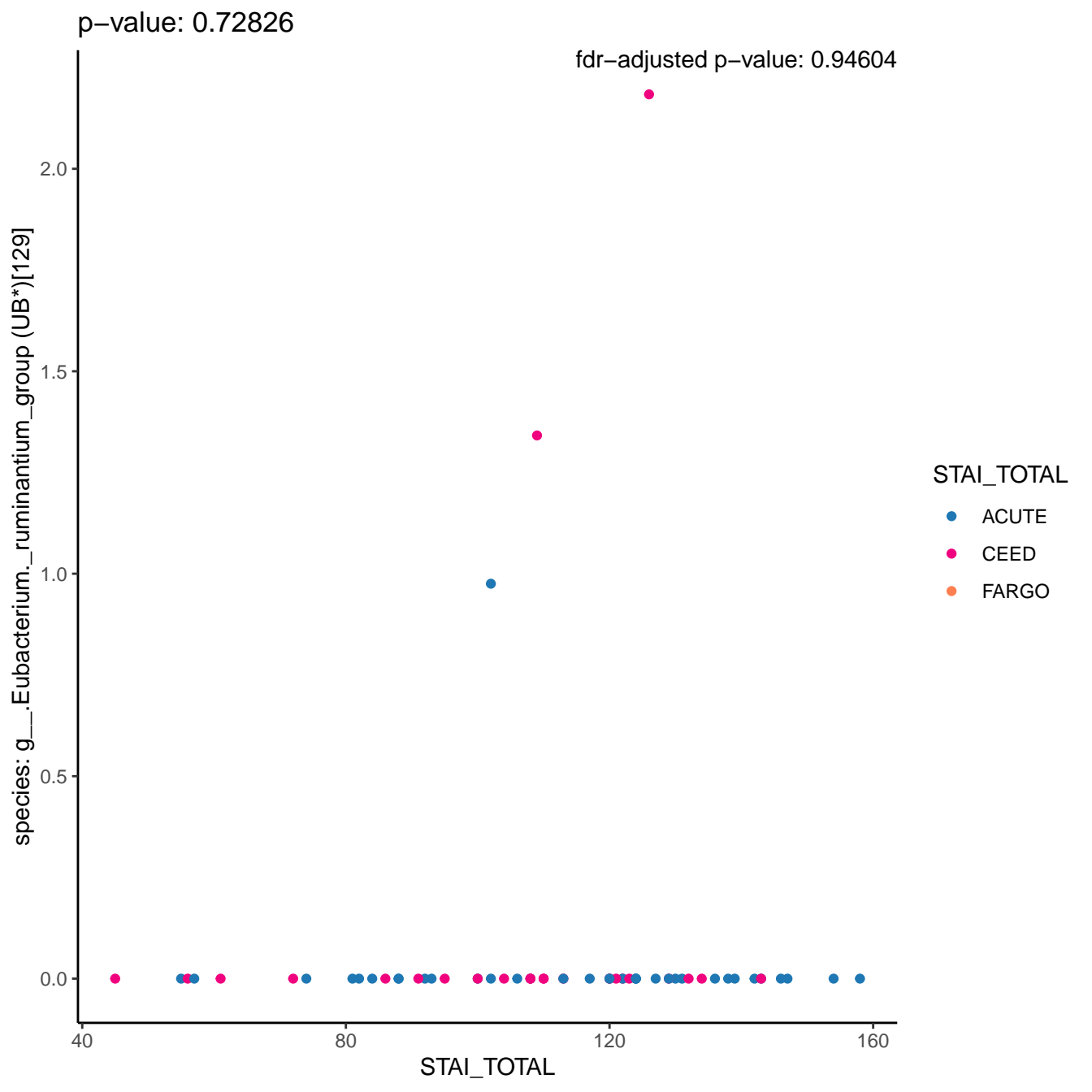
● ACUTE

● CEED

● FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.73948

fdr-adjusted p-value: 0.94604

species: g__Turicibacter (UB*)[70]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40

160

3

2

1

0

40

160

3

2

1

0

p-value: 0.74137

fdr-adjusted p-value: 0.94604

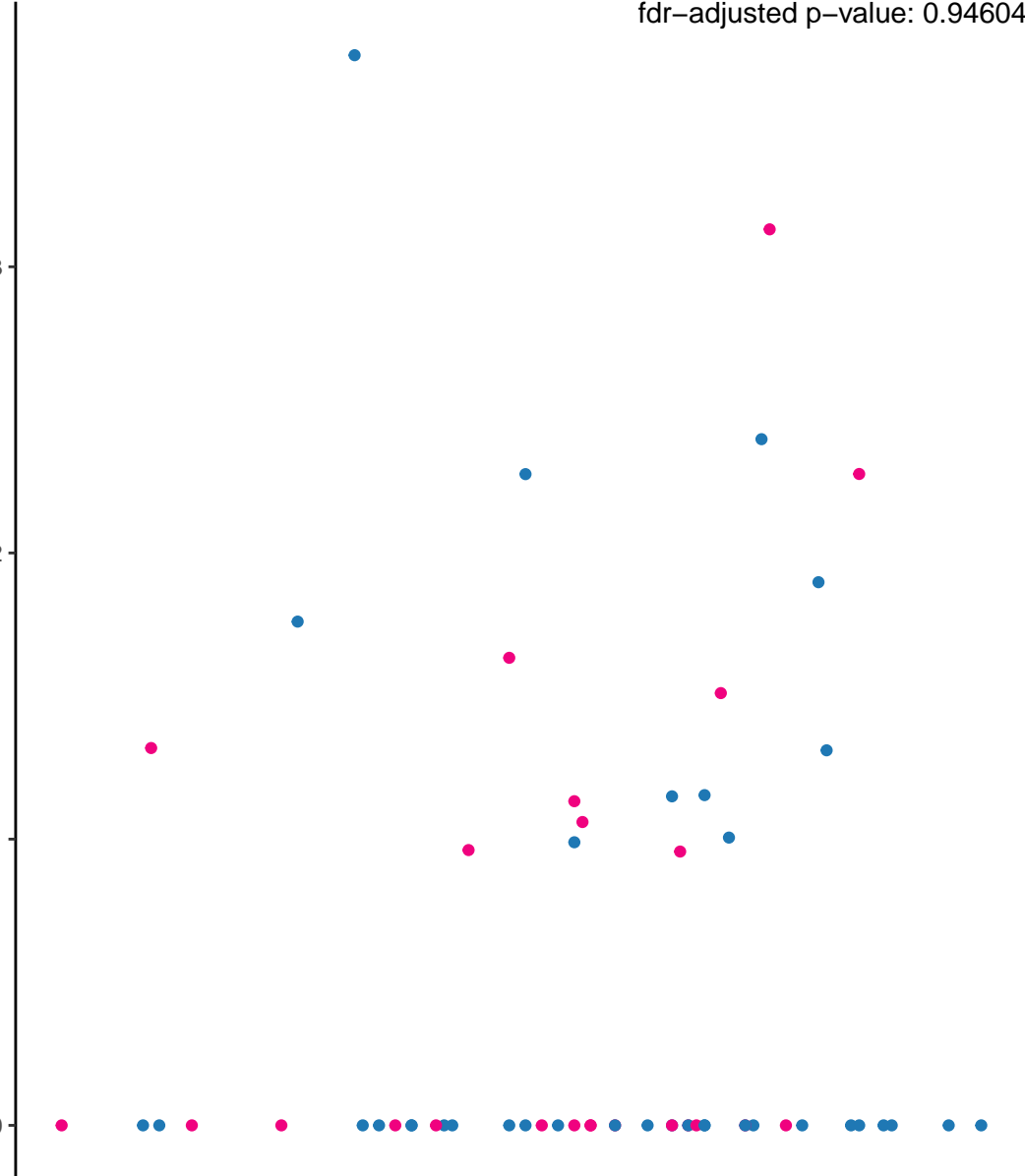
species: Bifidobacterium_dentium[51]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.74493

fdr-adjusted p-value: 0.94604

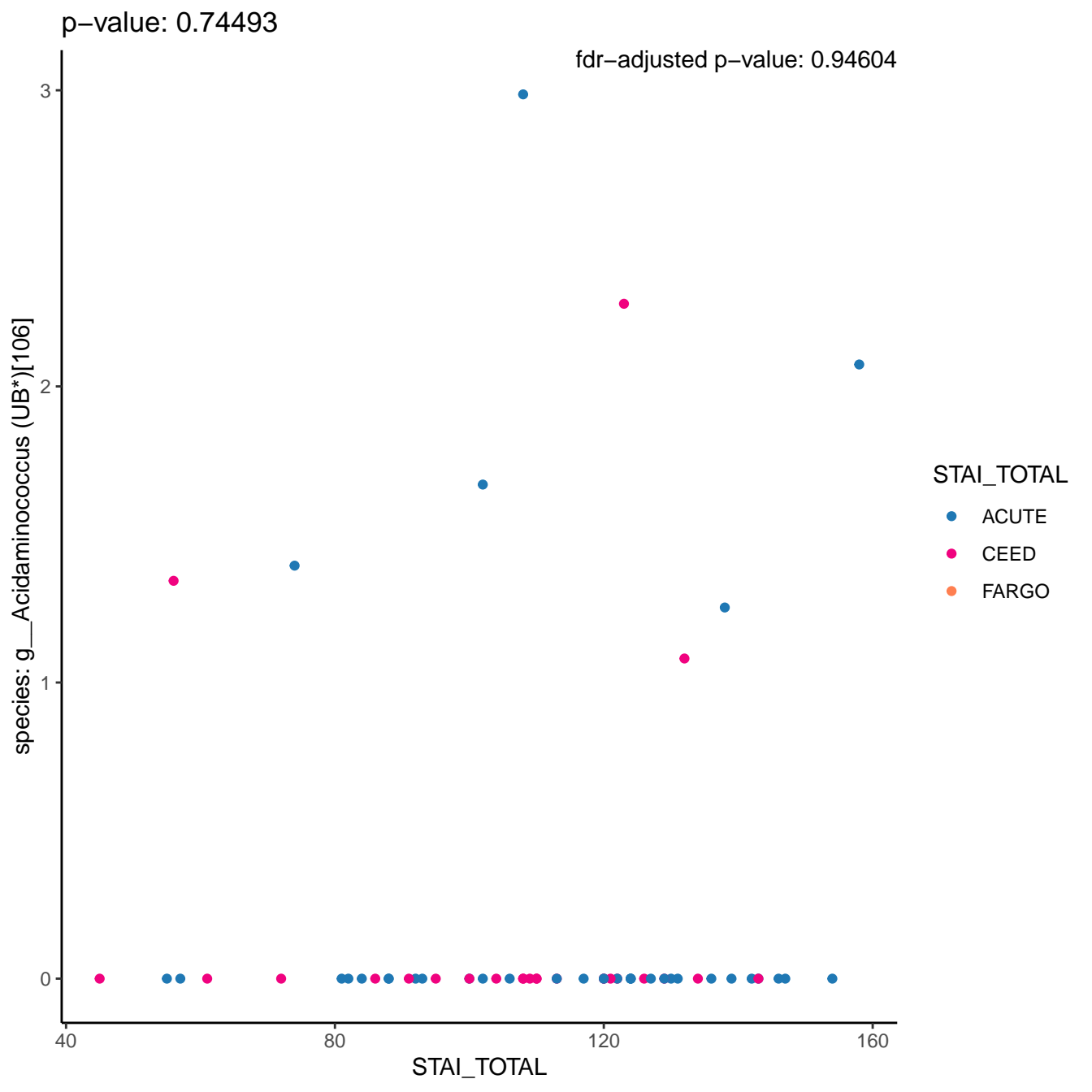
species: g__Acidaminococcus (UB*)[106]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.75101

fdr-adjusted p-value: 0.94604

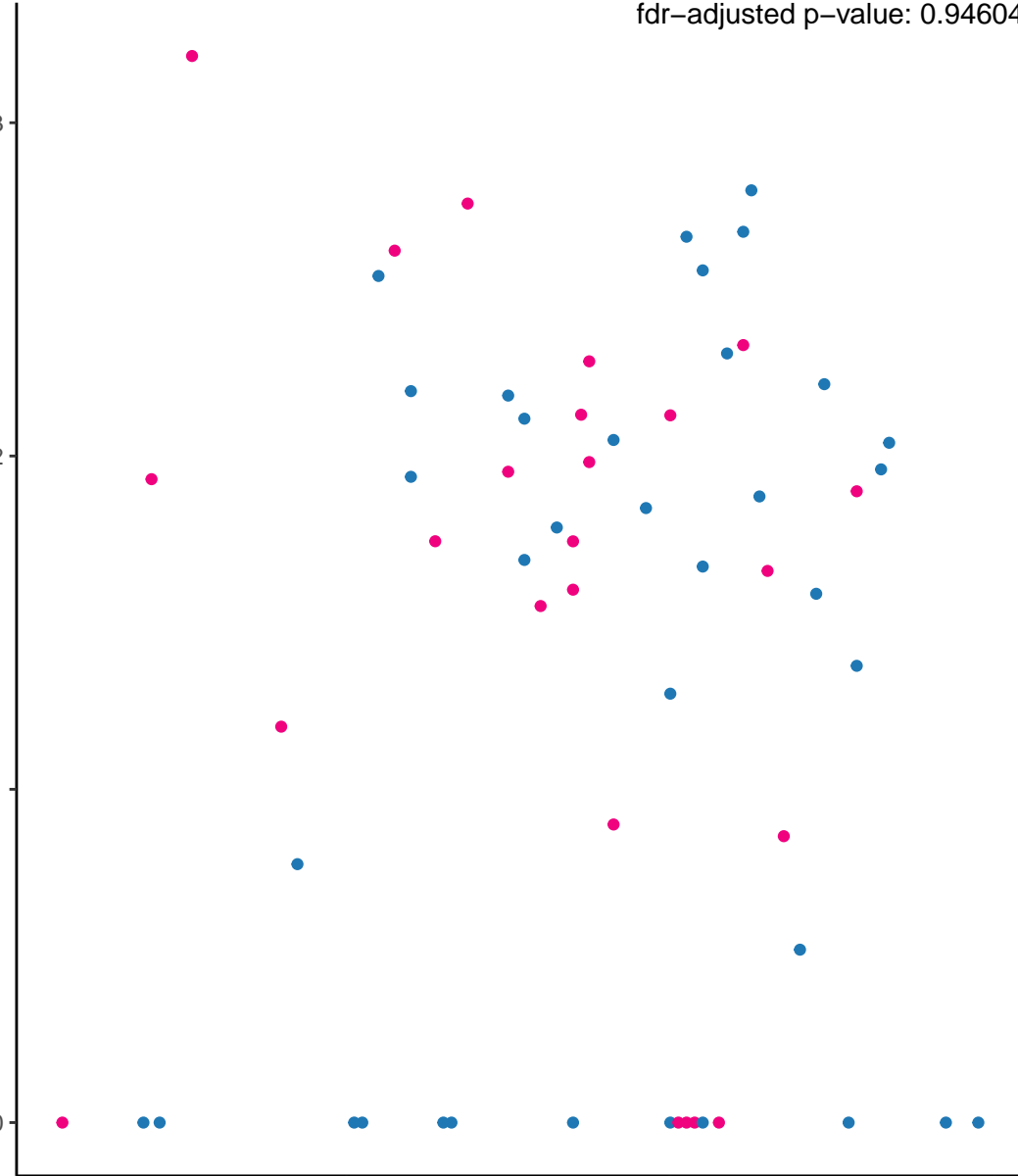
species: g__Monoglobus (UB*)[71]

STAI_TOTAL

ACUTE
CEED
FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.75476

fdr-adjusted p-value: 0.94604

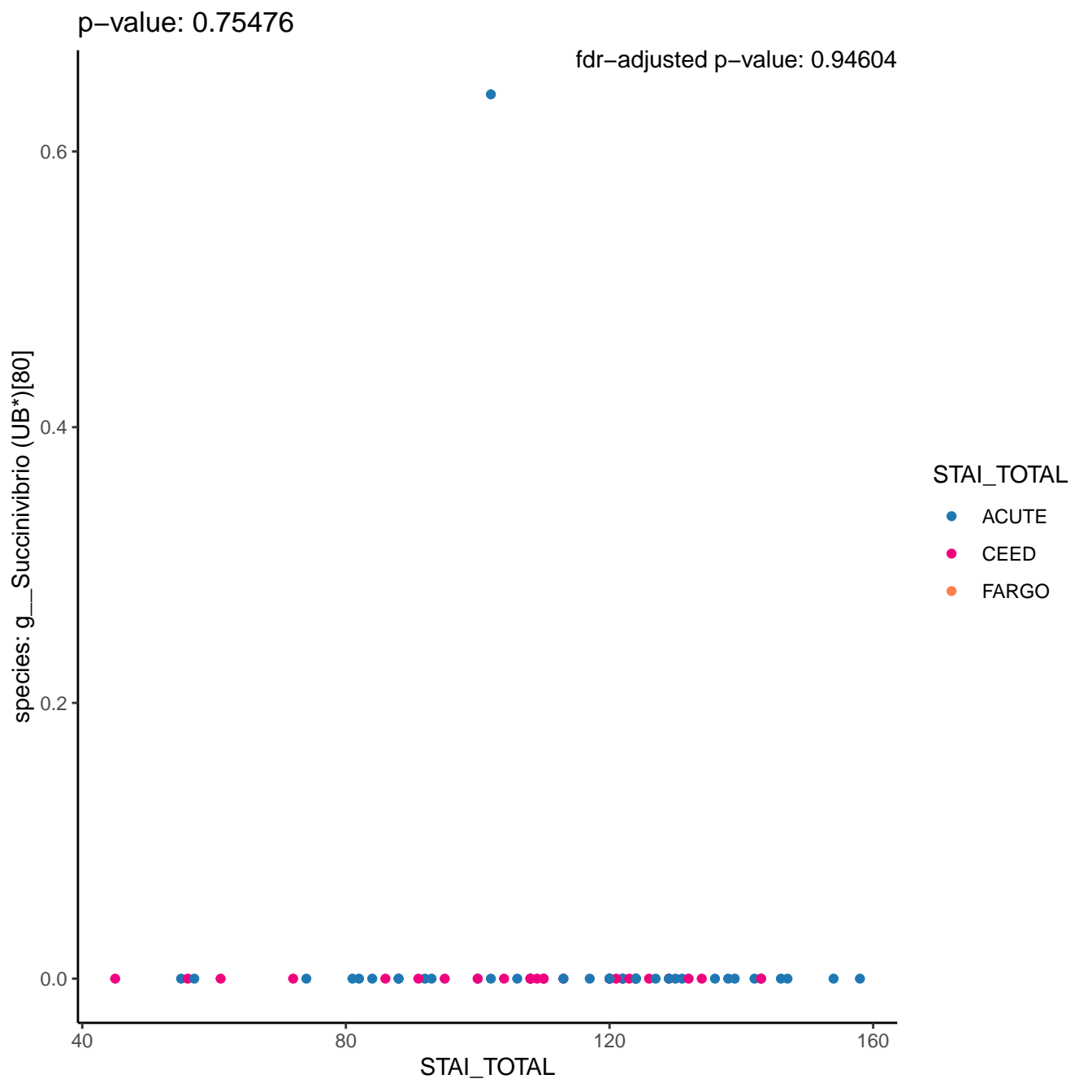
species: g__Succinivibrio (UB*)[80]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.75705

fdr-adjusted p-value: 0.94604

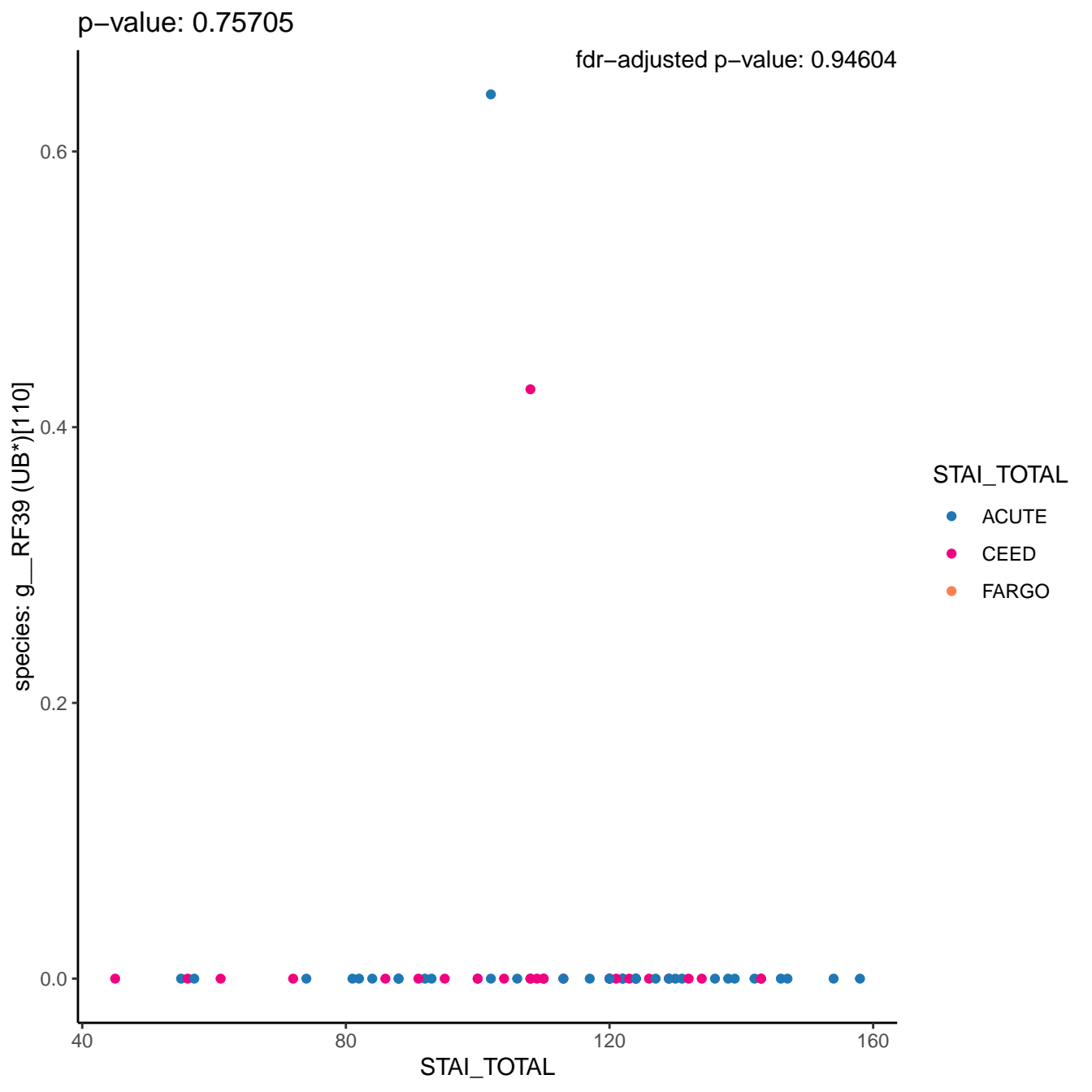
species: g__RF39 (UB*)[110]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.76546

fdr-adjusted p-value: 0.94604

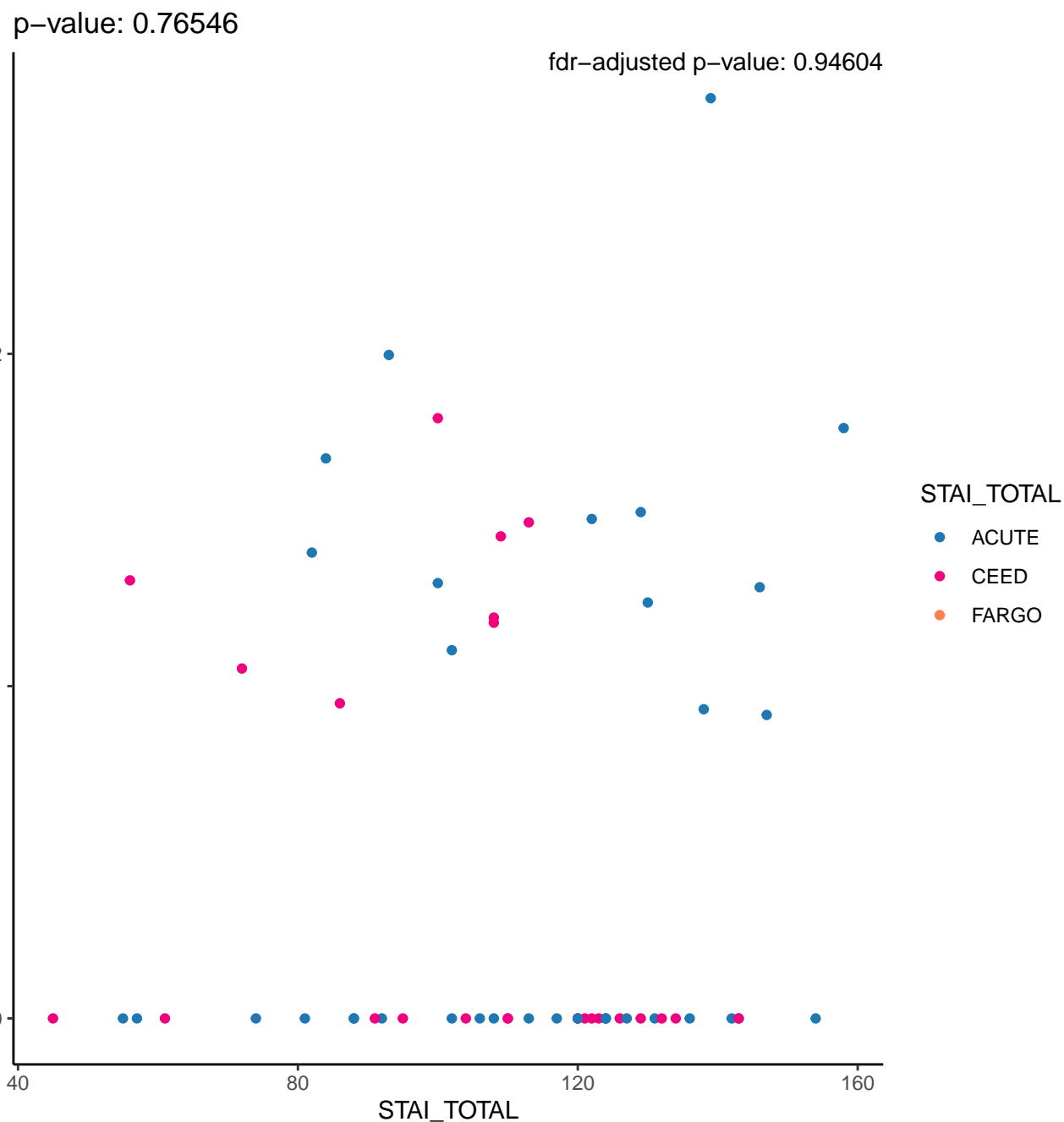
species: g__Eubacterium._xylanophilum_group (UB*)[28]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.76743

fdr-adjusted p-value: 0.94604

species: g__Senegalimassilia (UB*)[58]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

0 1 2 3

p-value: 0.77013

fdr-adjusted p-value: 0.94604

species: uncultured_organism[59]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL

0 1 2 3

p-value: 0.779

fdr-adjusted p-value: 0.94604



STAI_TOTAL

- ACUTE

- CEED

- FARGO

40 80 120 160

STAI_TOTAL

p-value: 0.80323

fdr-adjusted p-value: 0.94604

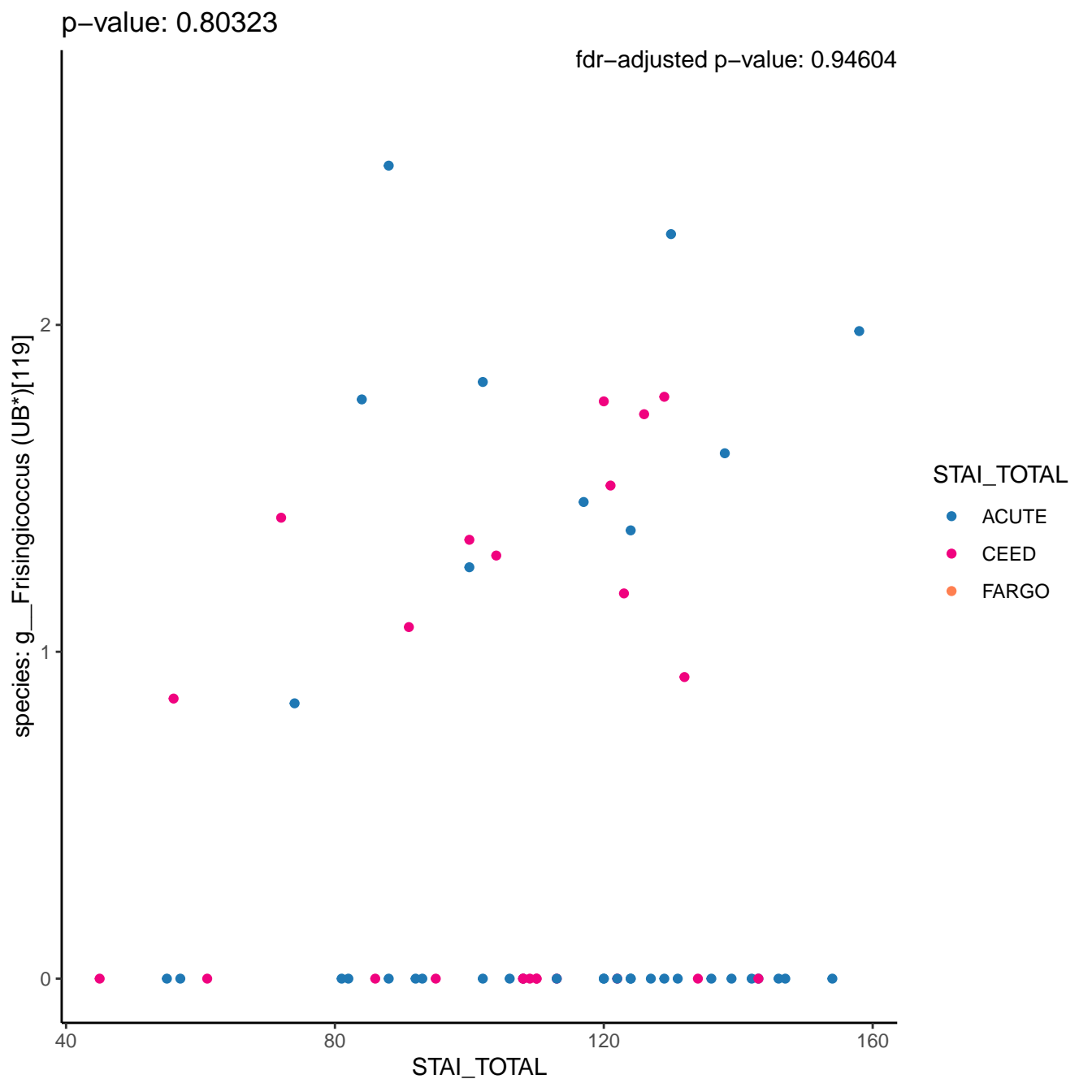
species: g__Frisingicoccus (UB*)[119]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.81152

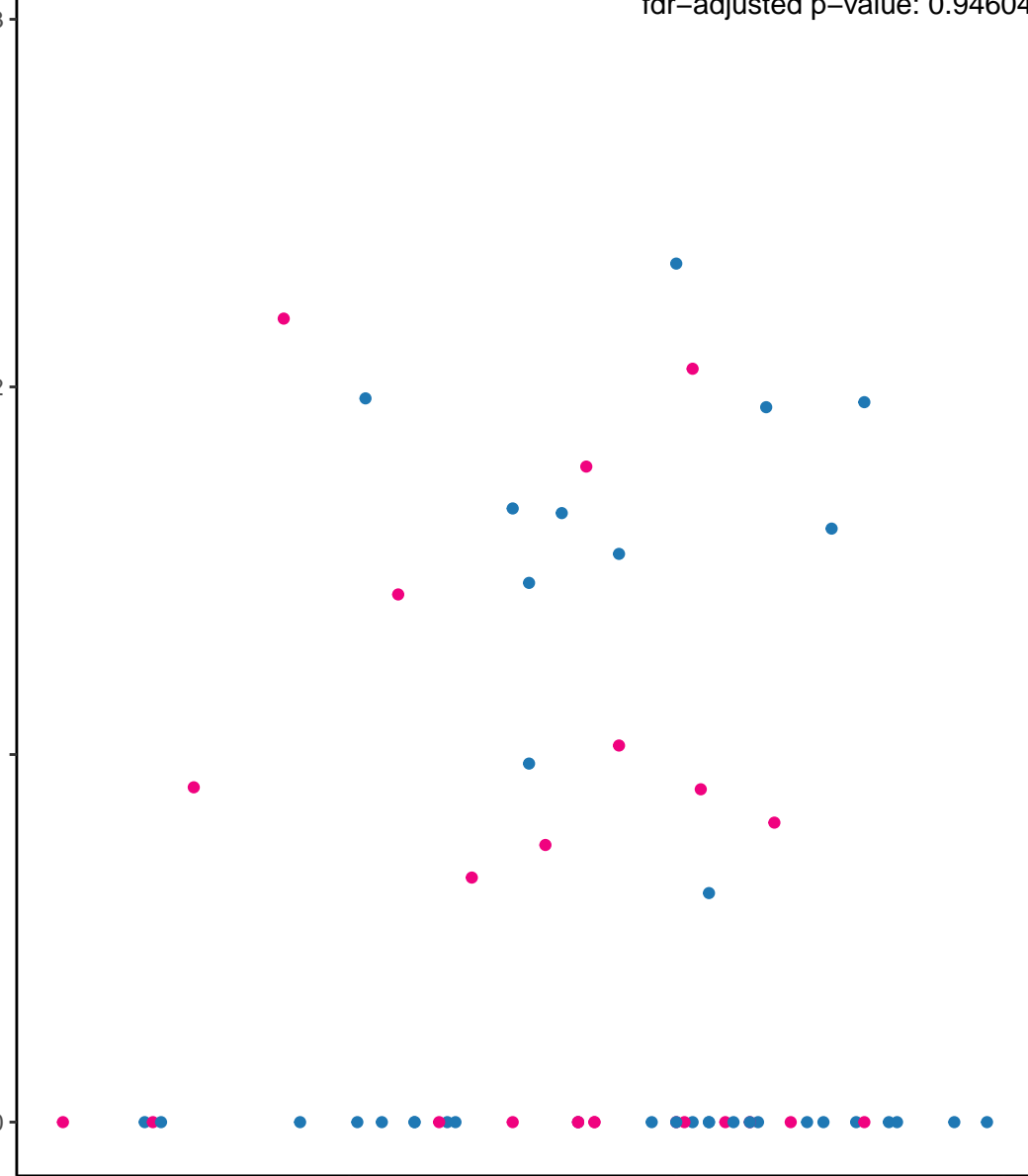
fdr-adjusted p-value: 0.94604

species: g__Parasutterella (UB*)[146]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.81289

fdr-adjusted p-value: 0.94604

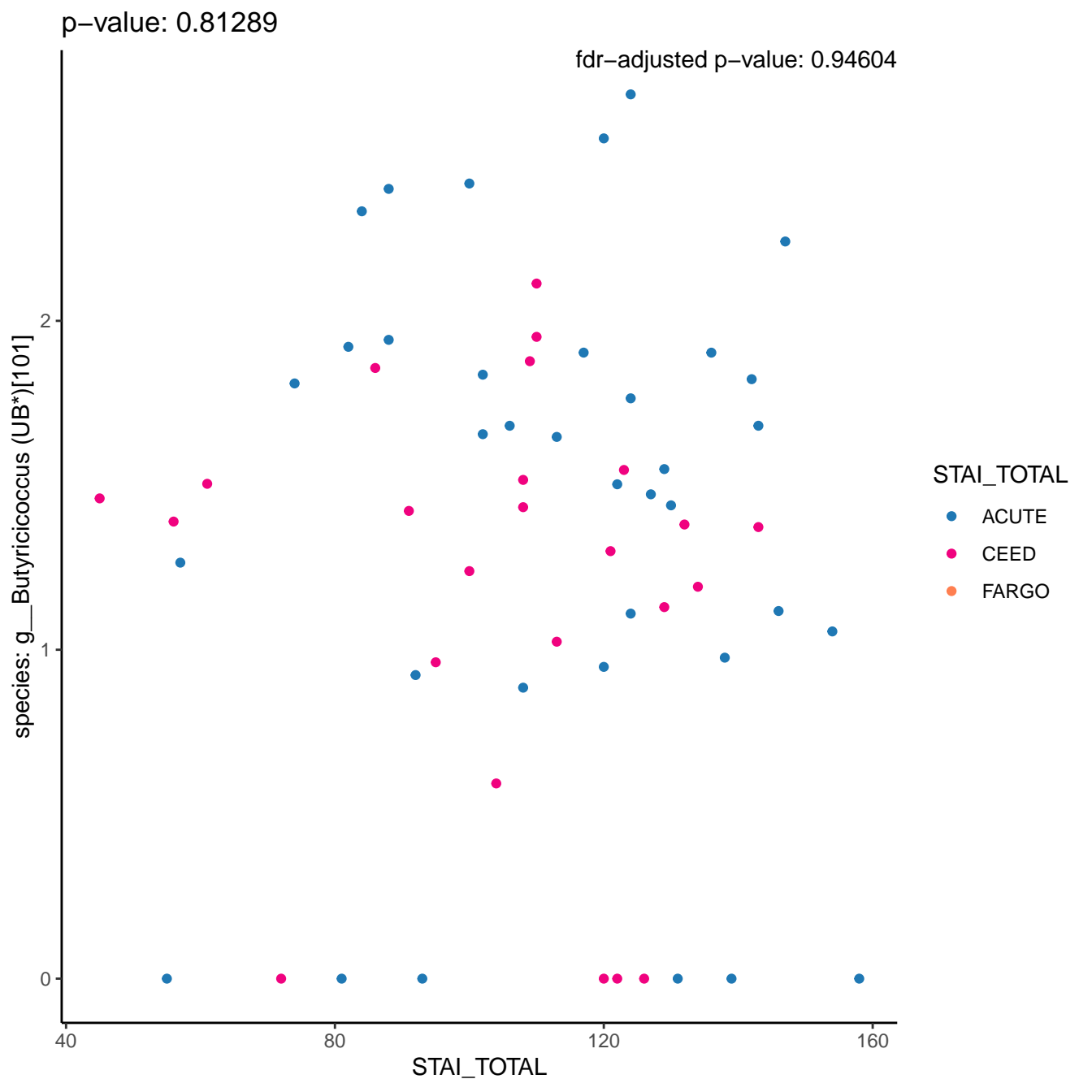
species: g__Butyrivibrio (UB*)[101]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.81422

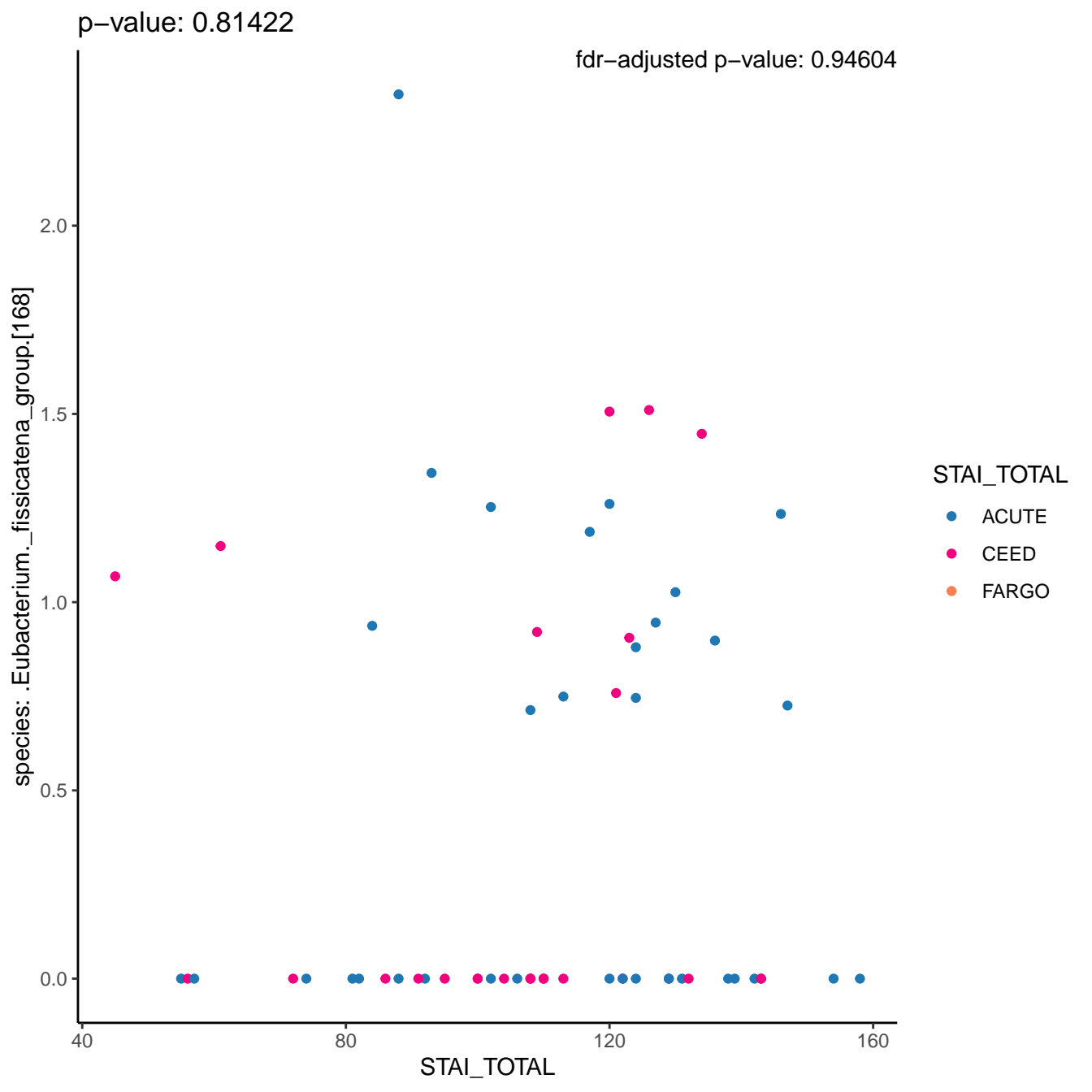
fdr-adjusted p-value: 0.94604

species: *Eubacterium._fissicatena_group.[168]*

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.81546

fdr-adjusted p-value: 0.94604

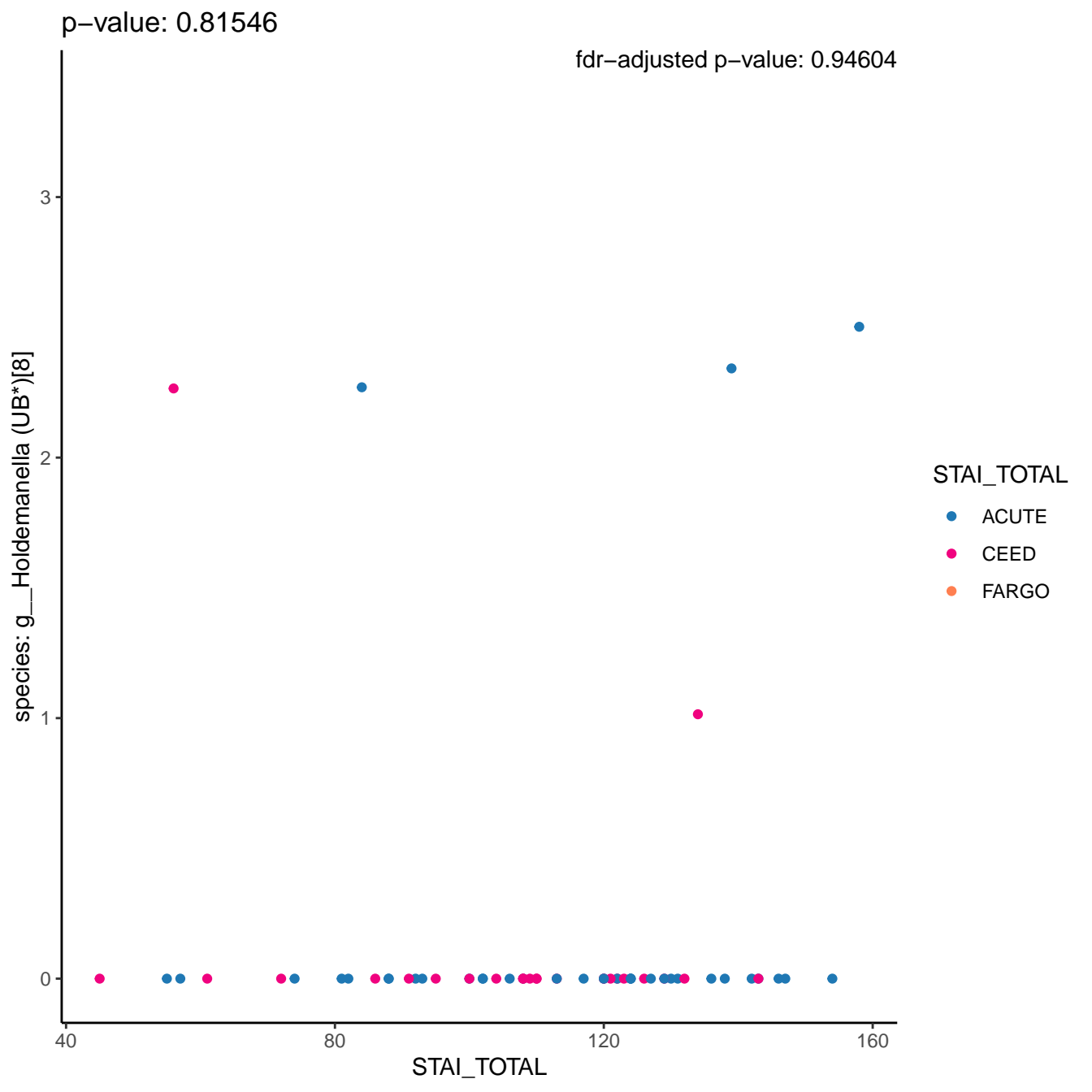
species: g__Holdemanella (UB*)[8]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.82098

fdr-adjusted p-value: 0.94604

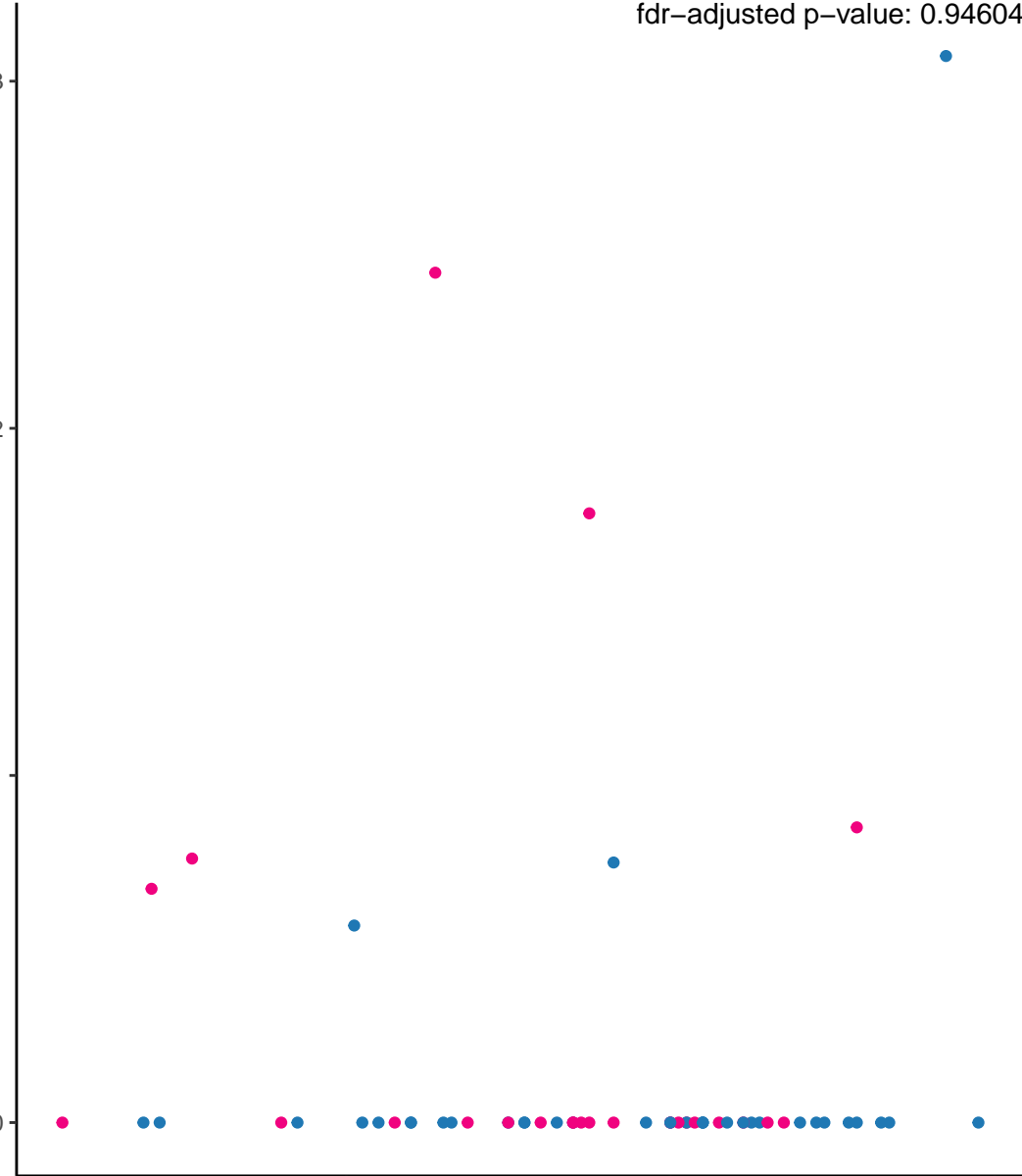
species: g__Prevotella (UB*)[52]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.8216

fdr-adjusted p-value: 0.94604

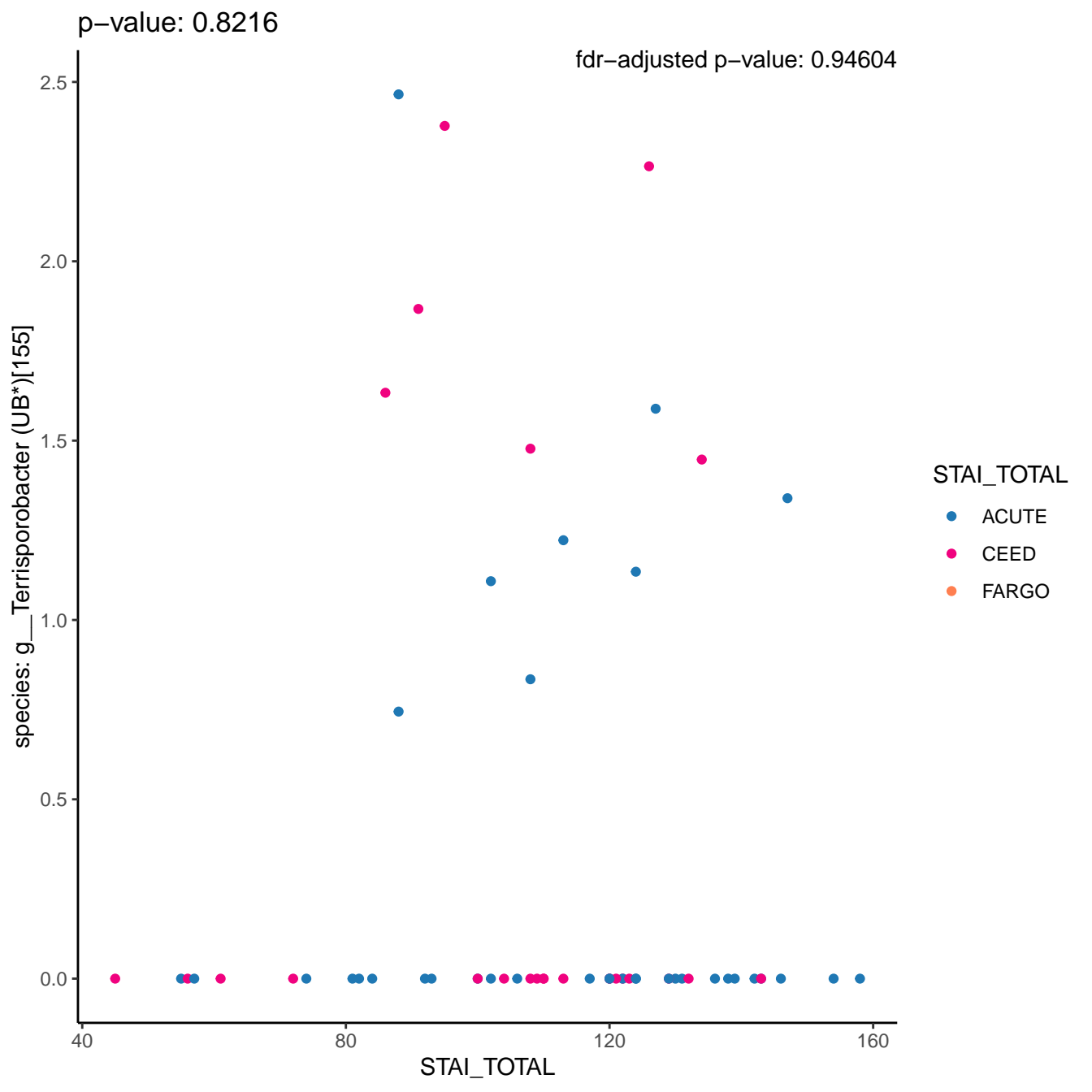
species: g__Terrisporobacter (UB*)[155]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.82567

fdr-adjusted p-value: 0.94604

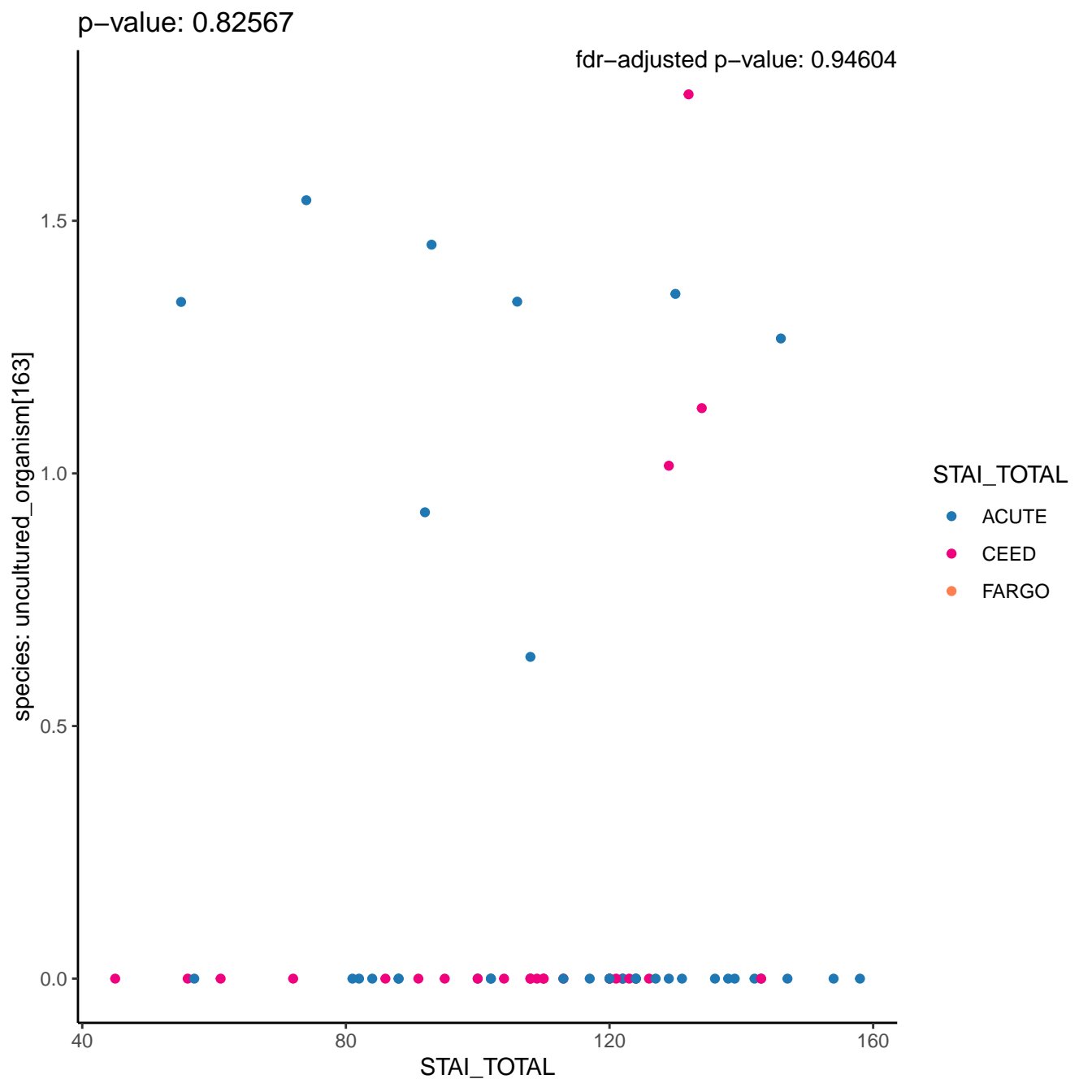
species: uncultured_organism[163]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

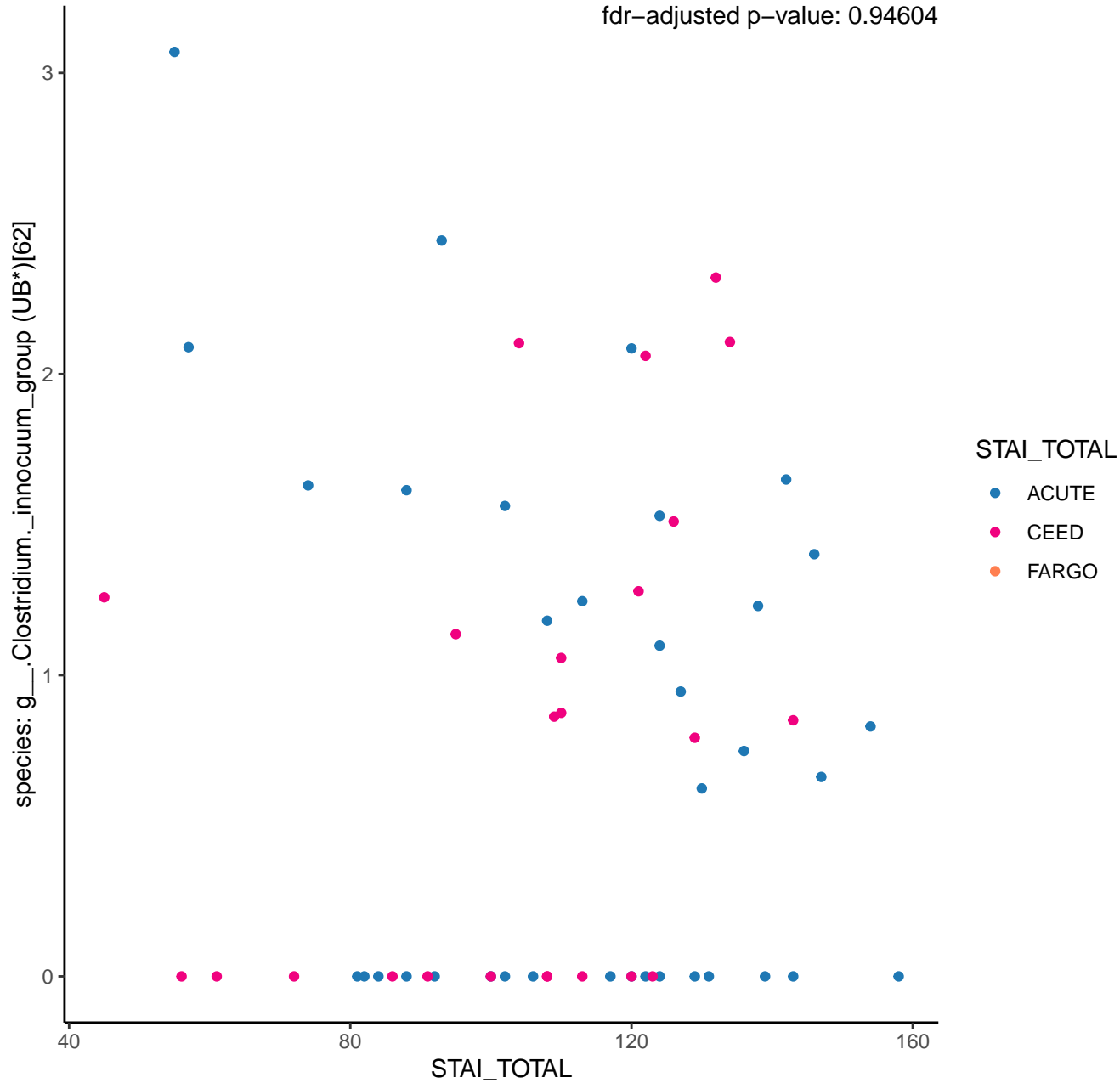
40 80 120 160

STAI_TOTAL



p-value: 0.82758

fdr-adjusted p-value: 0.94604



p-value: 0.83093

fdr-adjusted p-value: 0.94604

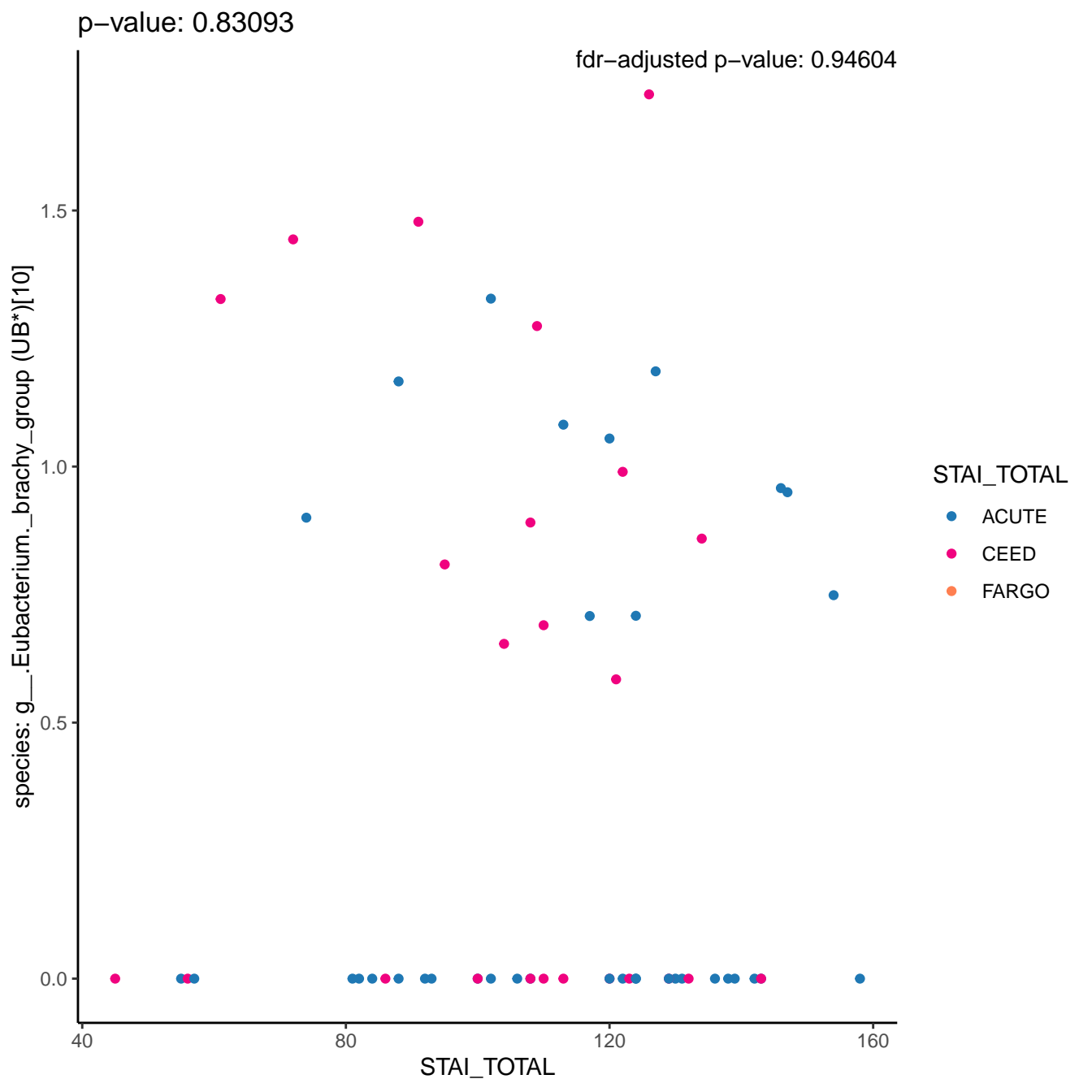
species: g__Eubacterium_brachy_group (UB*)[10]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.83345

fdr-adjusted p-value: 0.94604

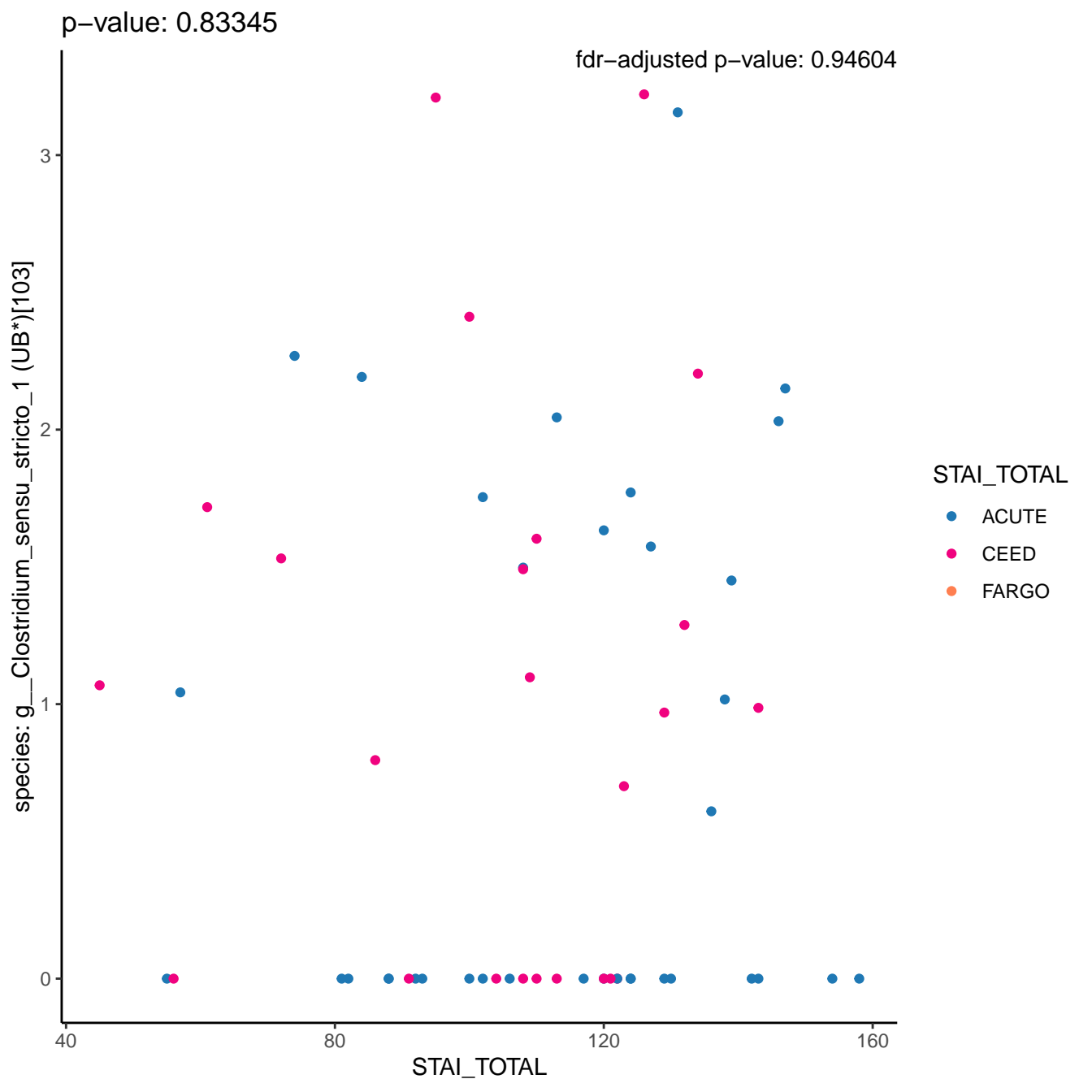
species: g__Clostridium_sensu_stricto_1 (UB*)[103]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.83653

fdr-adjusted p-value: 0.94604

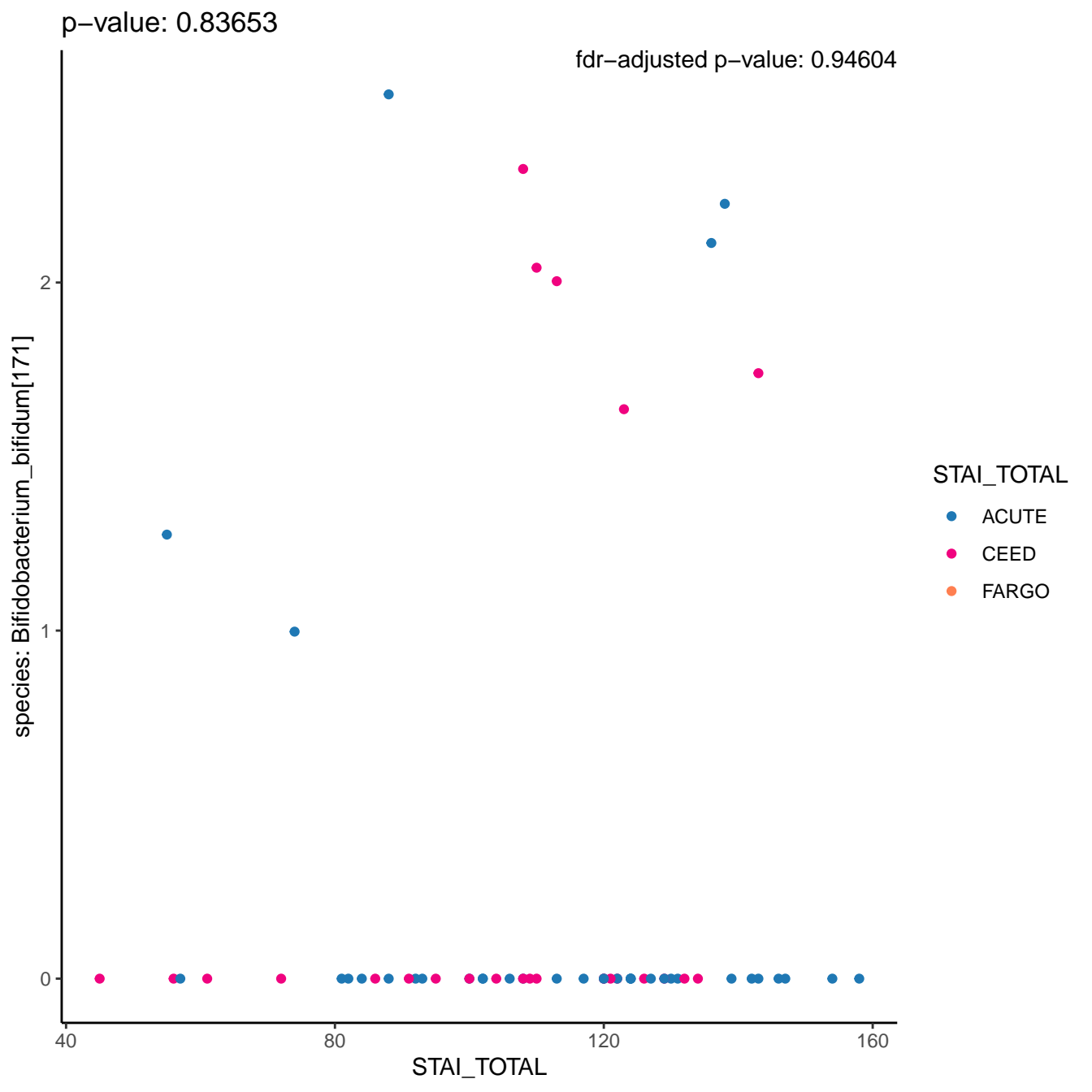
species: Bifidobacterium_bifidum[171]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.83704

fdr-adjusted p-value: 0.94604

species: g__Clostridia_UCG.014 (UB*)[7]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.83811

fdr-adjusted p-value: 0.94604

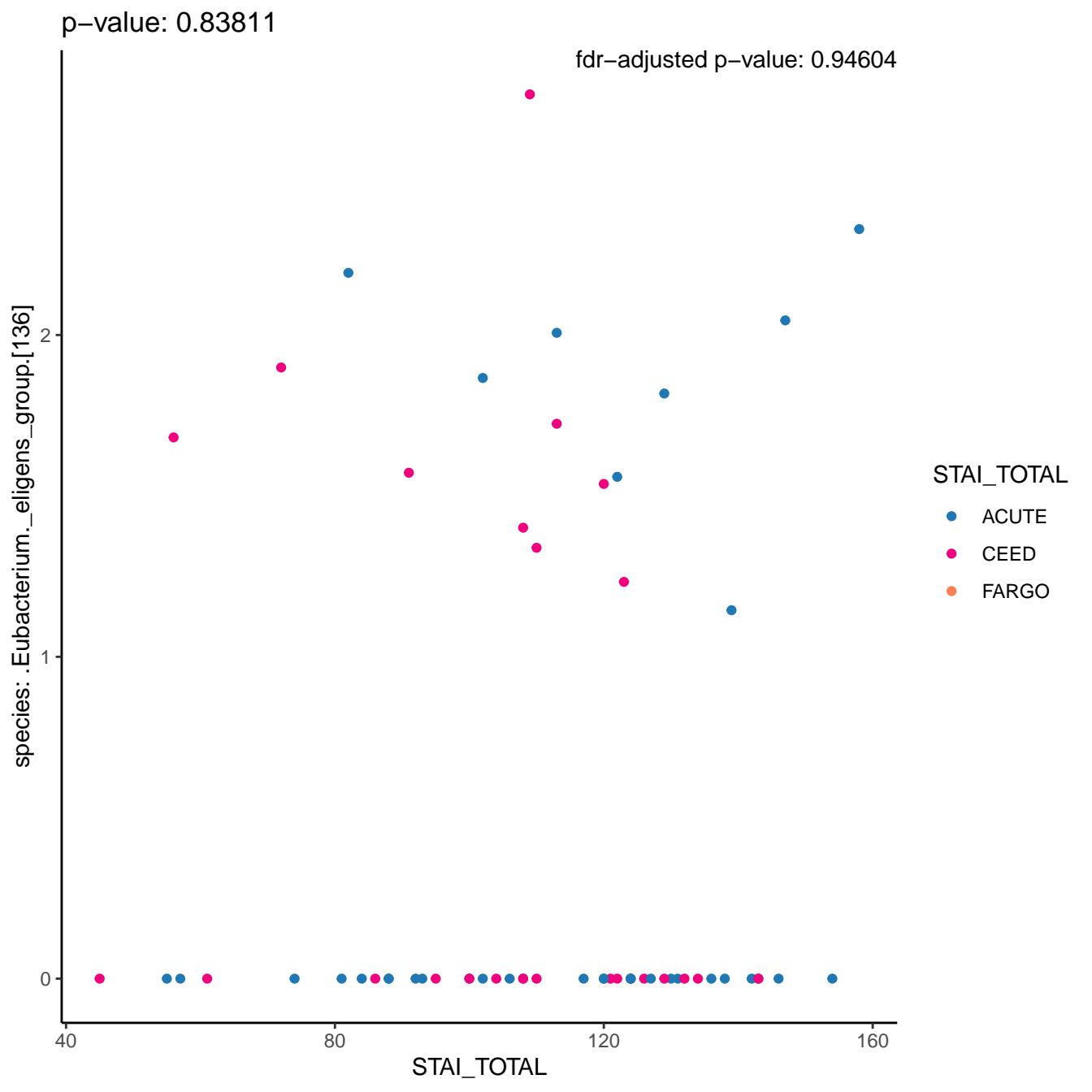
species: .Eubacterium._eligans_group.[136]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.84106

fdr-adjusted p-value: 0.94604

species: g__Coproccoccus (UB*)[45]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.84365

fdr-adjusted p-value: 0.94604

species: g__Lachnospiraceae_FCS020_group (UB*)[162]

STAI_TOTAL

ACUTE

CEED

FARGO

0.0

0.5

1.0

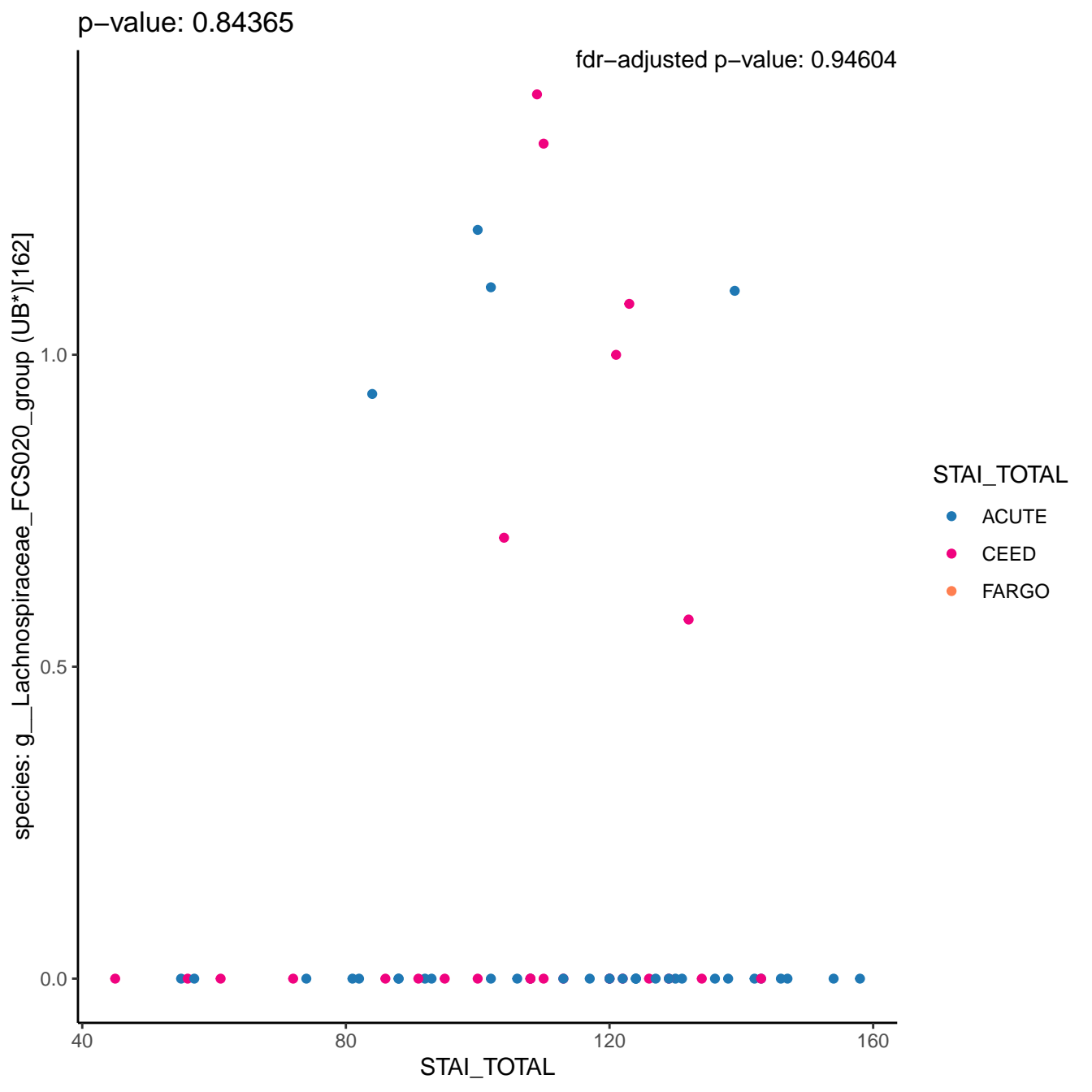
40

80

120

160

STAI_TOTAL



p-value: 0.84425

fdr-adjusted p-value: 0.94604

species: g__Romboutsia (UB*)[90]

STAI_TOTAL

ACUTE
CEED
FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.864

fdr-adjusted p-value: 0.95274

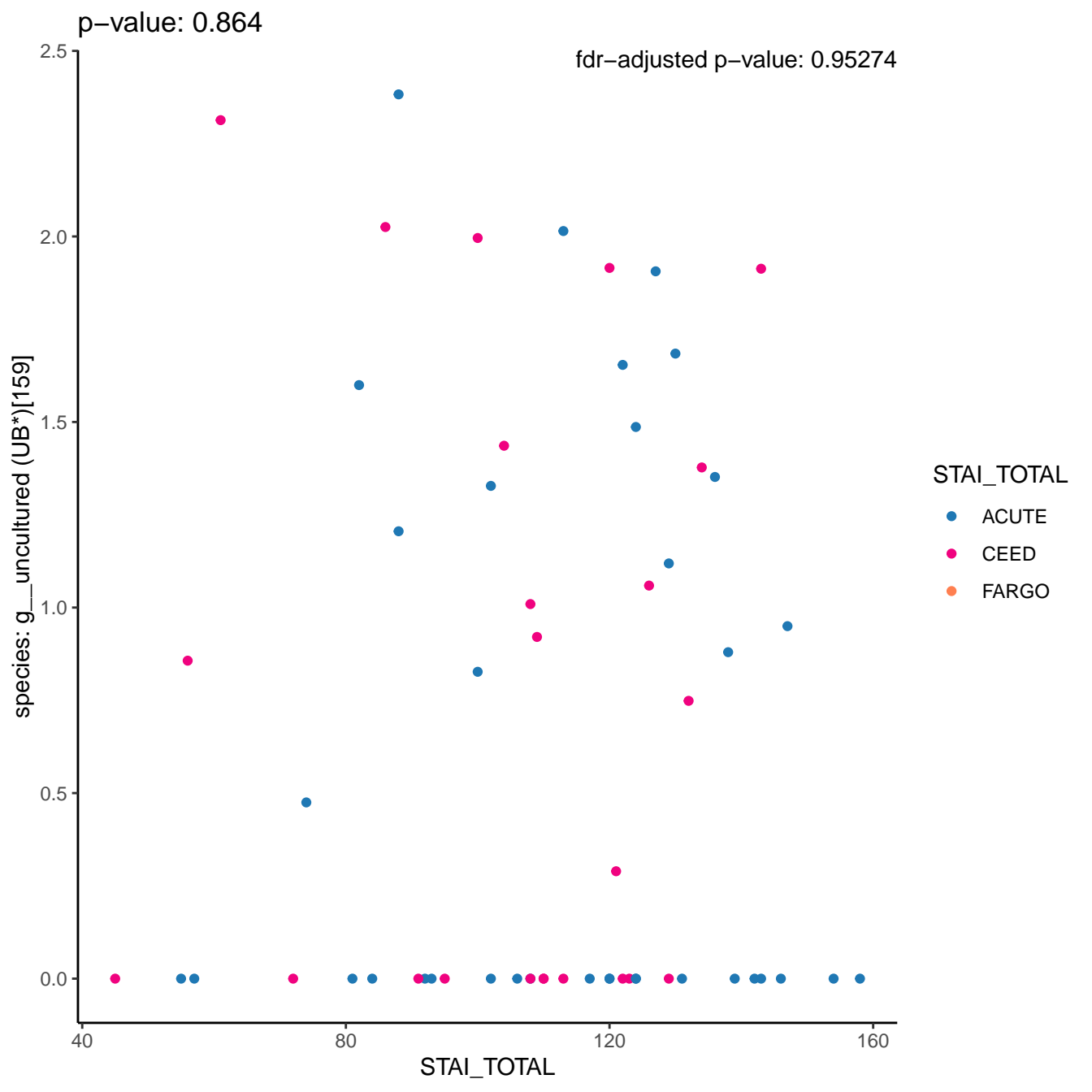
species: g__uncultured (UB*)[159]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160



p-value: 0.86501

fdr-adjusted p-value: 0.95274

species: g__uncultured (UB*)[158]

STAI_TOTAL

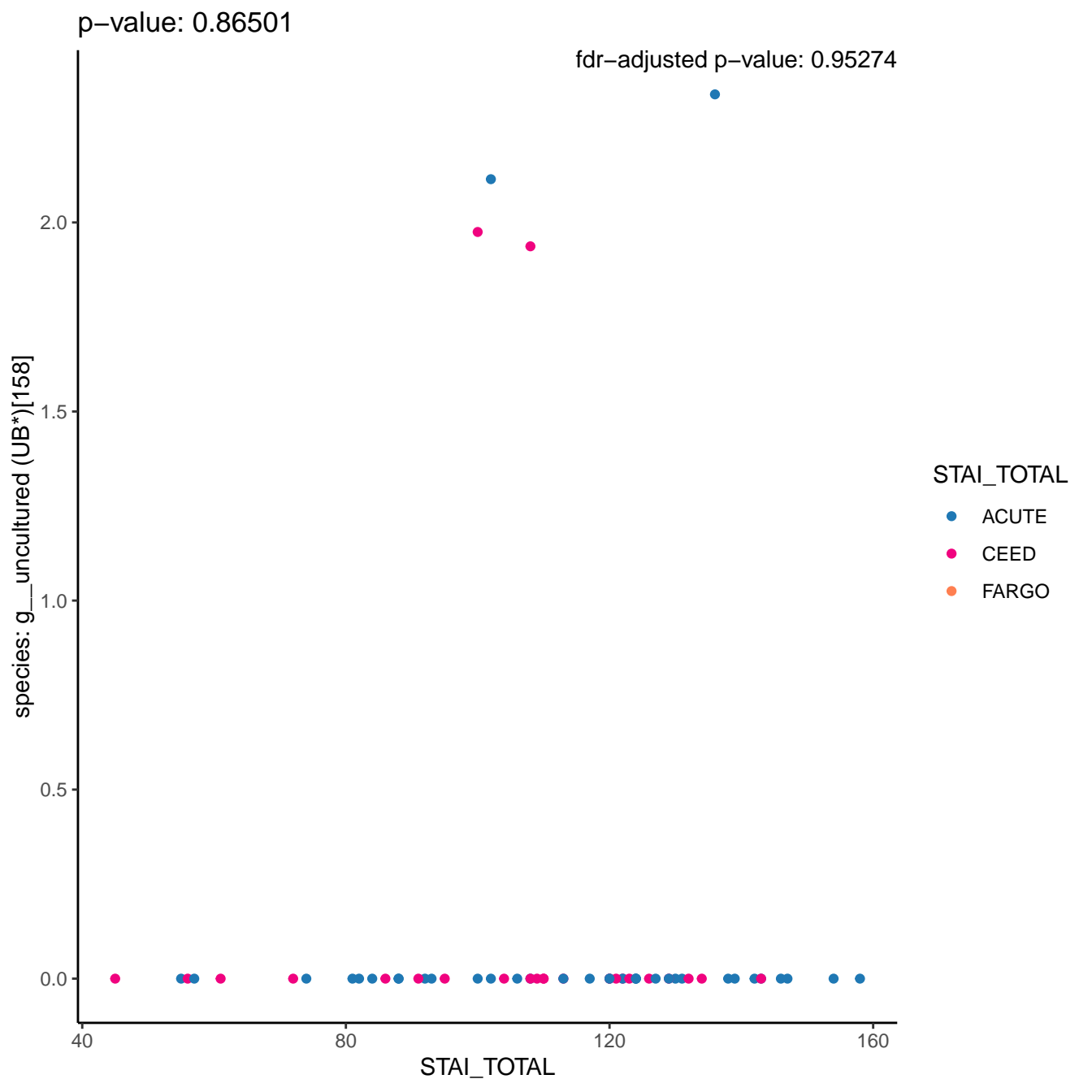
● ACUTE

● CEED

● FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.86832

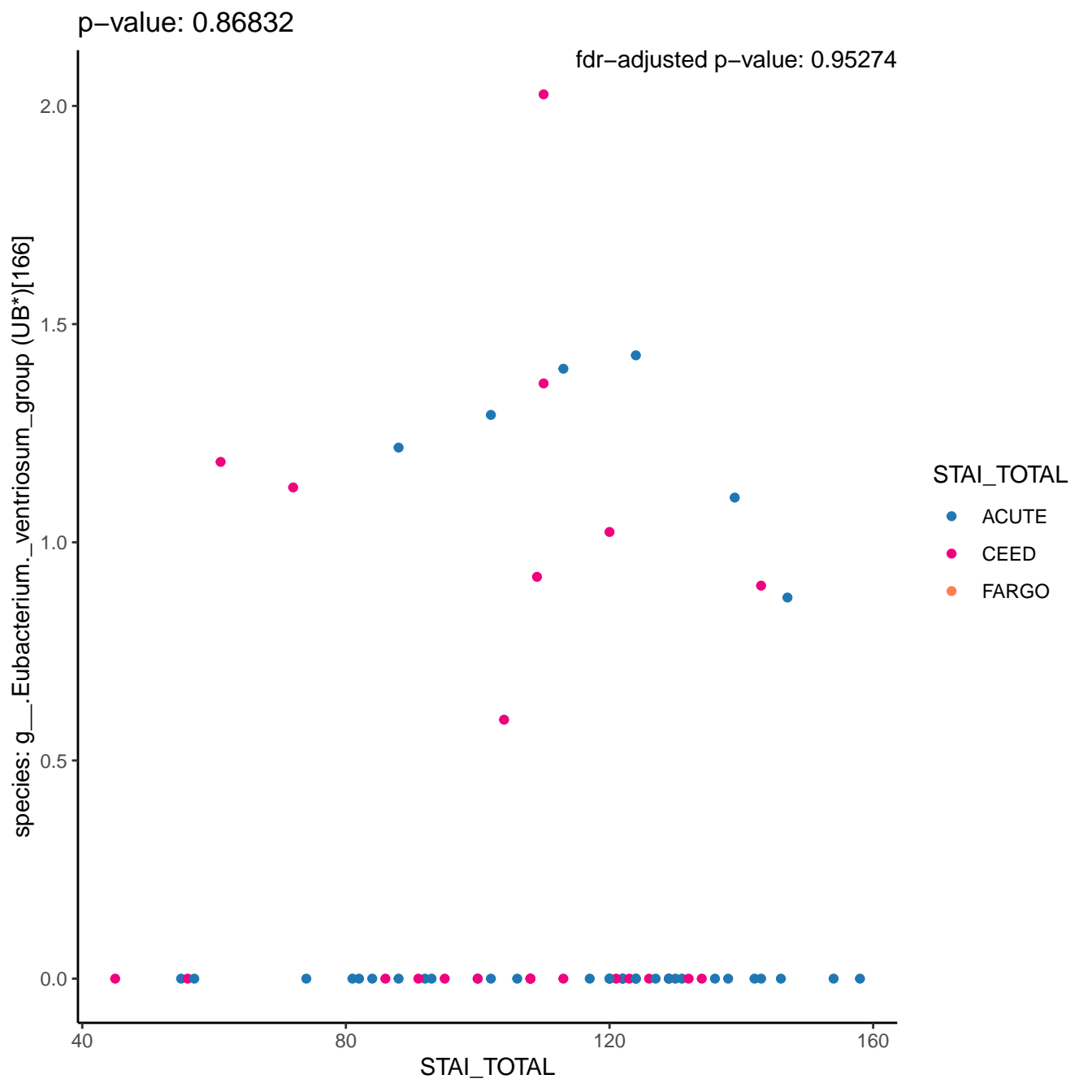
fdr-adjusted p-value: 0.95274

species: g__Eubacterium_group (UB*)[166]

STAI_TOTAL

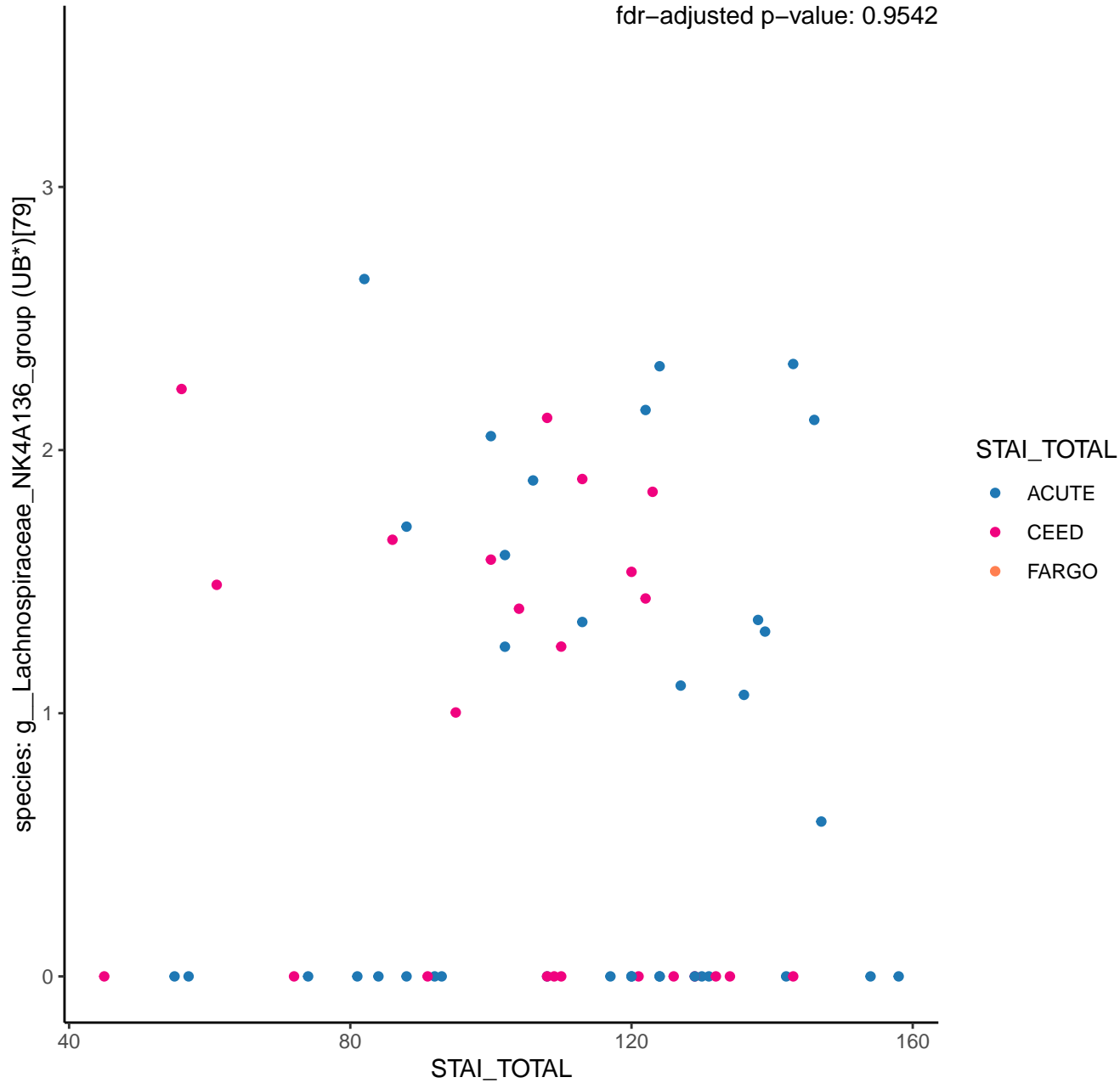
- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.87569

fdr-adjusted p-value: 0.9542



p-value: 0.8928

fdr-adjusted p-value: 0.95973

species: g__Enterorhabdus (UB*)[75]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.90587

fdr-adjusted p-value: 0.96707

species: *Lachnospirillum*. [39]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

40 80 120 160

0 1 2 3

p-value: 0.92728

fdr-adjusted p-value: 0.98329

species: g__Fusicatenibacter (UB*)[40]

STAI_TOTAL

ACUTE
CEED
FARGO

40 80 120 160

STAI_TOTAL

0 1 2 3

p-value: 0.95185

fdr-adjusted p-value: 0.99215

species: g__Bifidobacterium (UB*)[32]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL

0 1 2 3

p-value: 0.95807

fdr-adjusted p-value: 0.99215

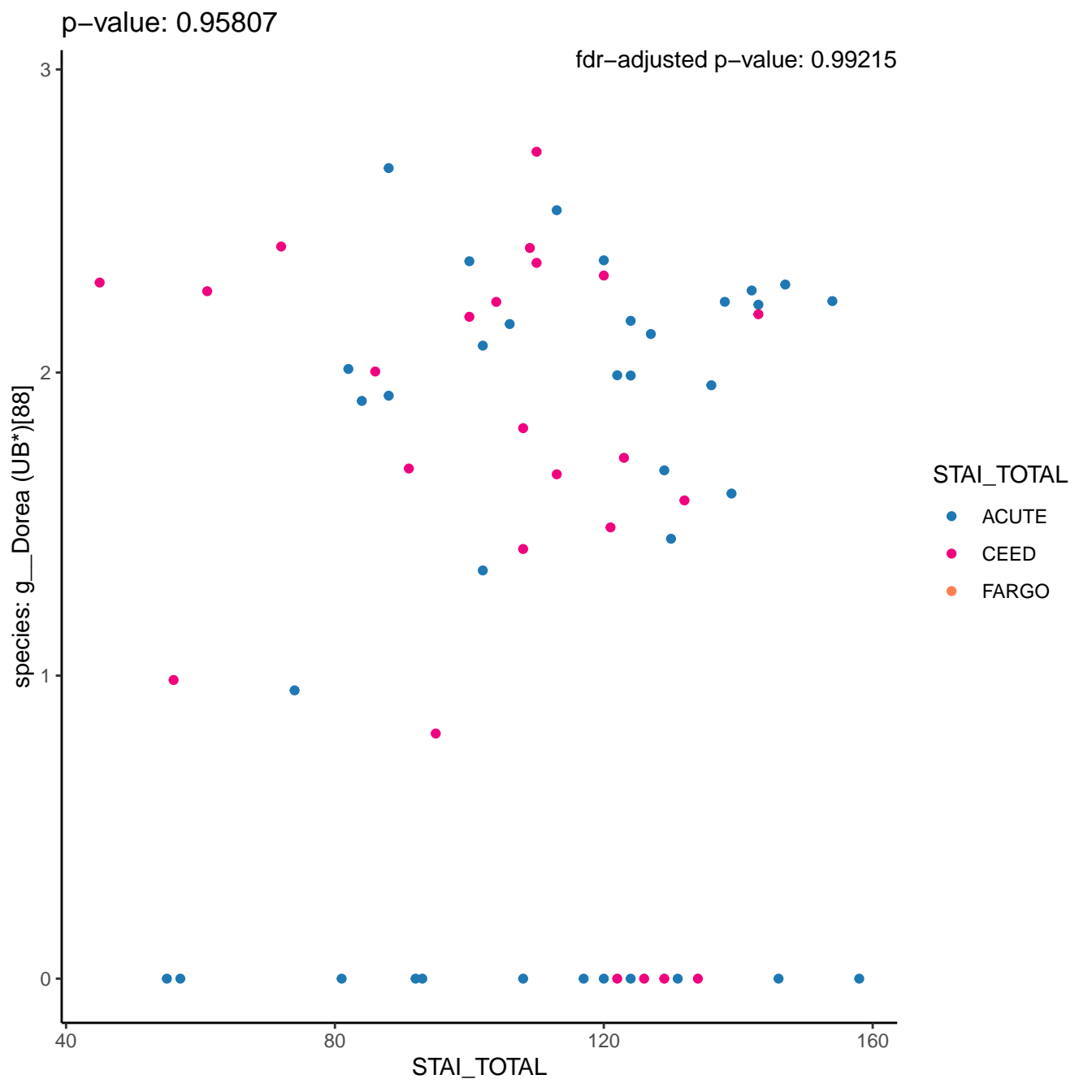
species: g__Dorea (UB*)[88]

STAI_TOTAL

ACUTE
CEED
FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.9582

fdr-adjusted p-value: 0.99215

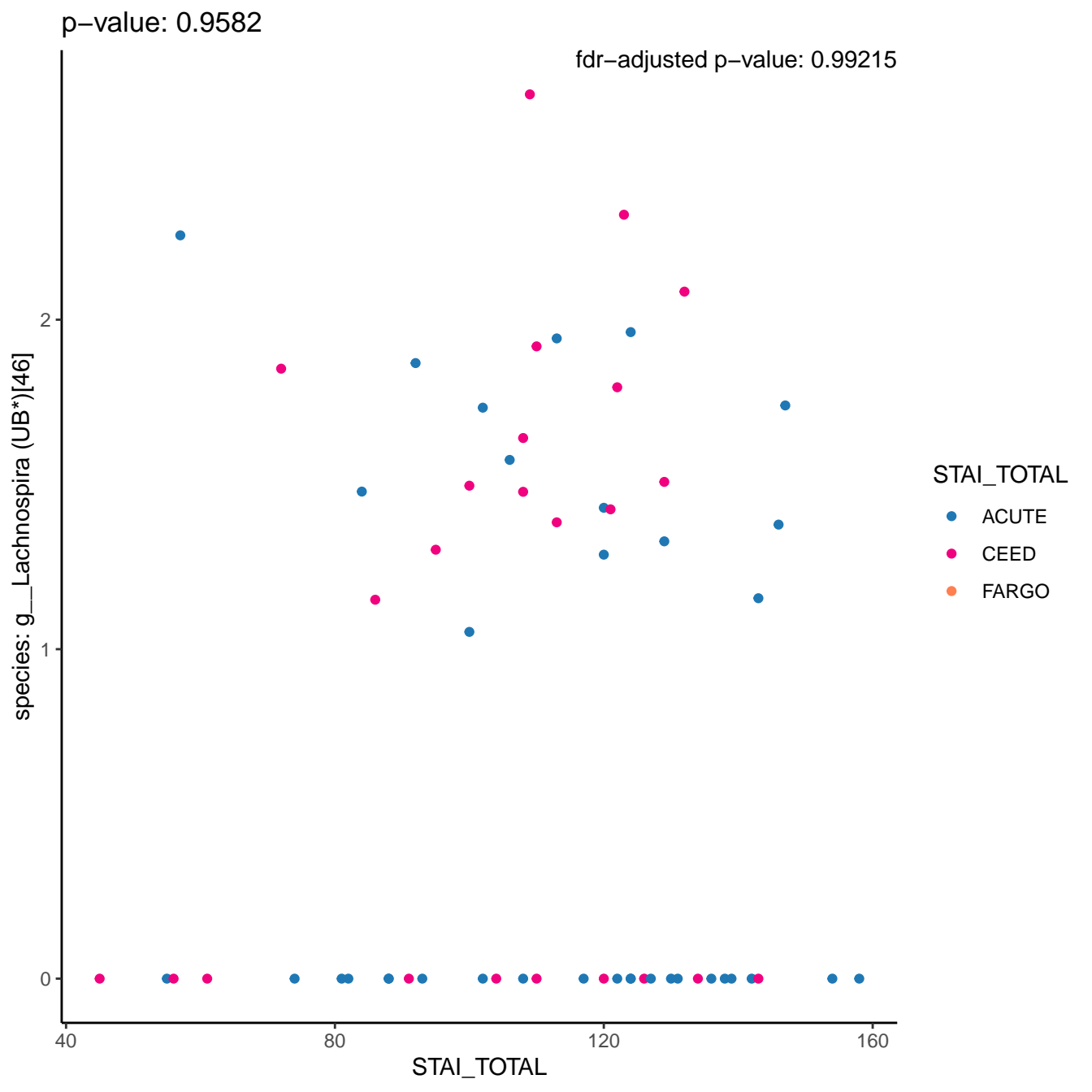
species: g__Lachnospira (UB*)[46]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.96814

fdr-adjusted p-value: 0.99215

species: Family_XIII_AD3011_group.[64]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL



p-value: 0.973

fdr-adjusted p-value: 0.99215

species: Eggerthella.[83]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

STAI_TOTAL

0

1

2

3

40

80

120

160

p-value: 0.97932

fdr-adjusted p-value: 0.99215

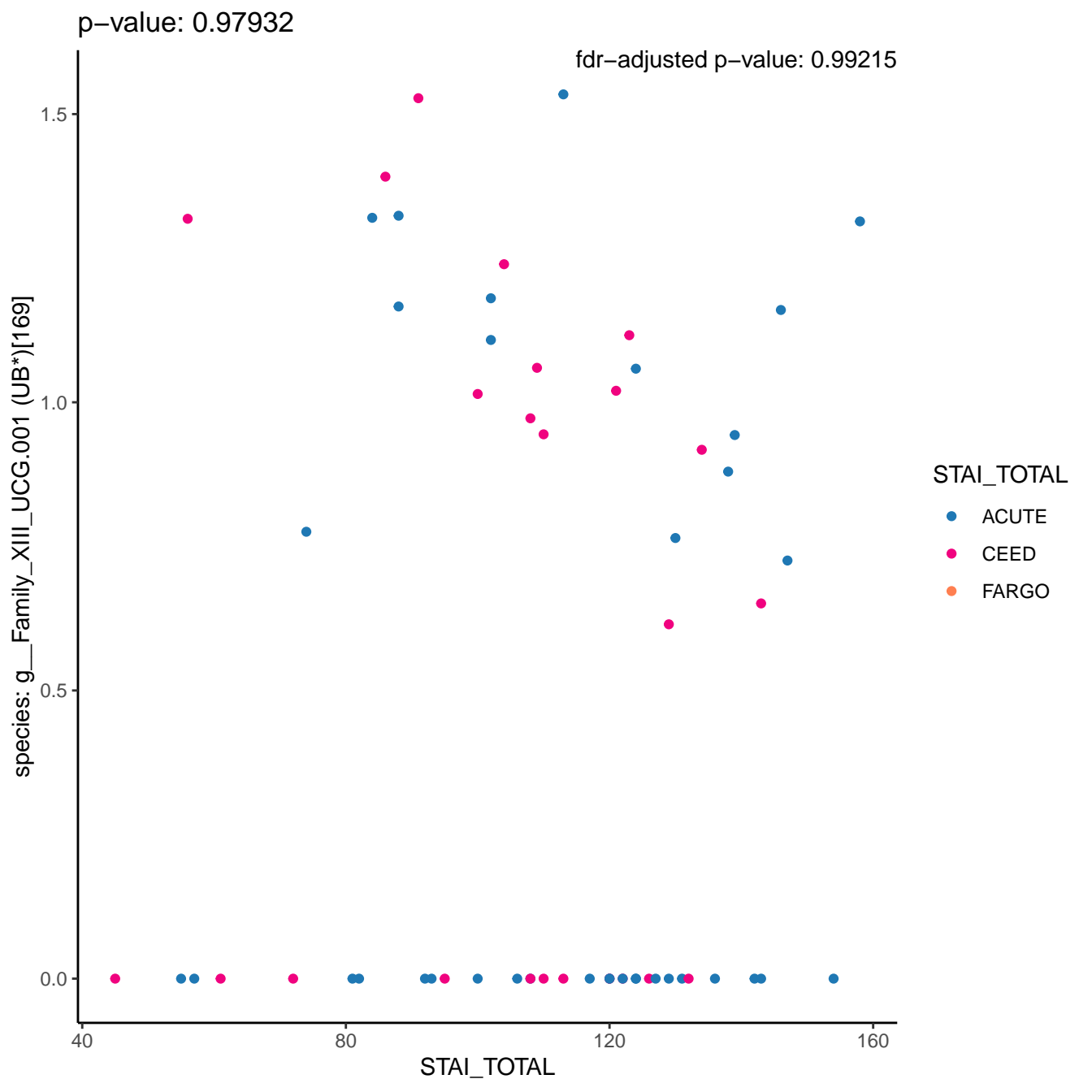
species: g__Family_XIII_UCG.001 (UB*)[169]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

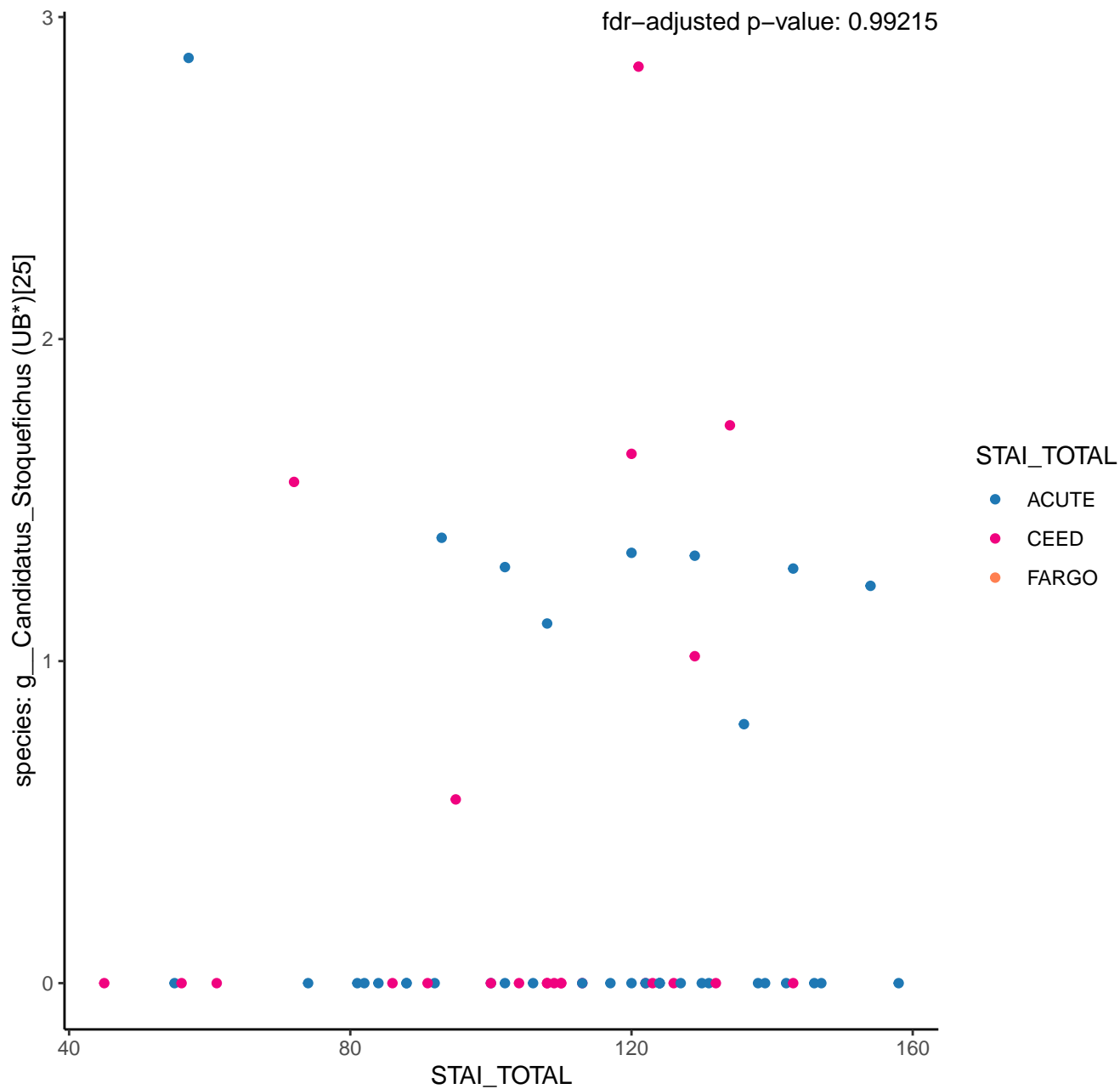
40 80 120 160

STAI_TOTAL



p-value: 0.97985

fdr-adjusted p-value: 0.99215



p-value: 0.98588

fdr-adjusted p-value: 0.99215

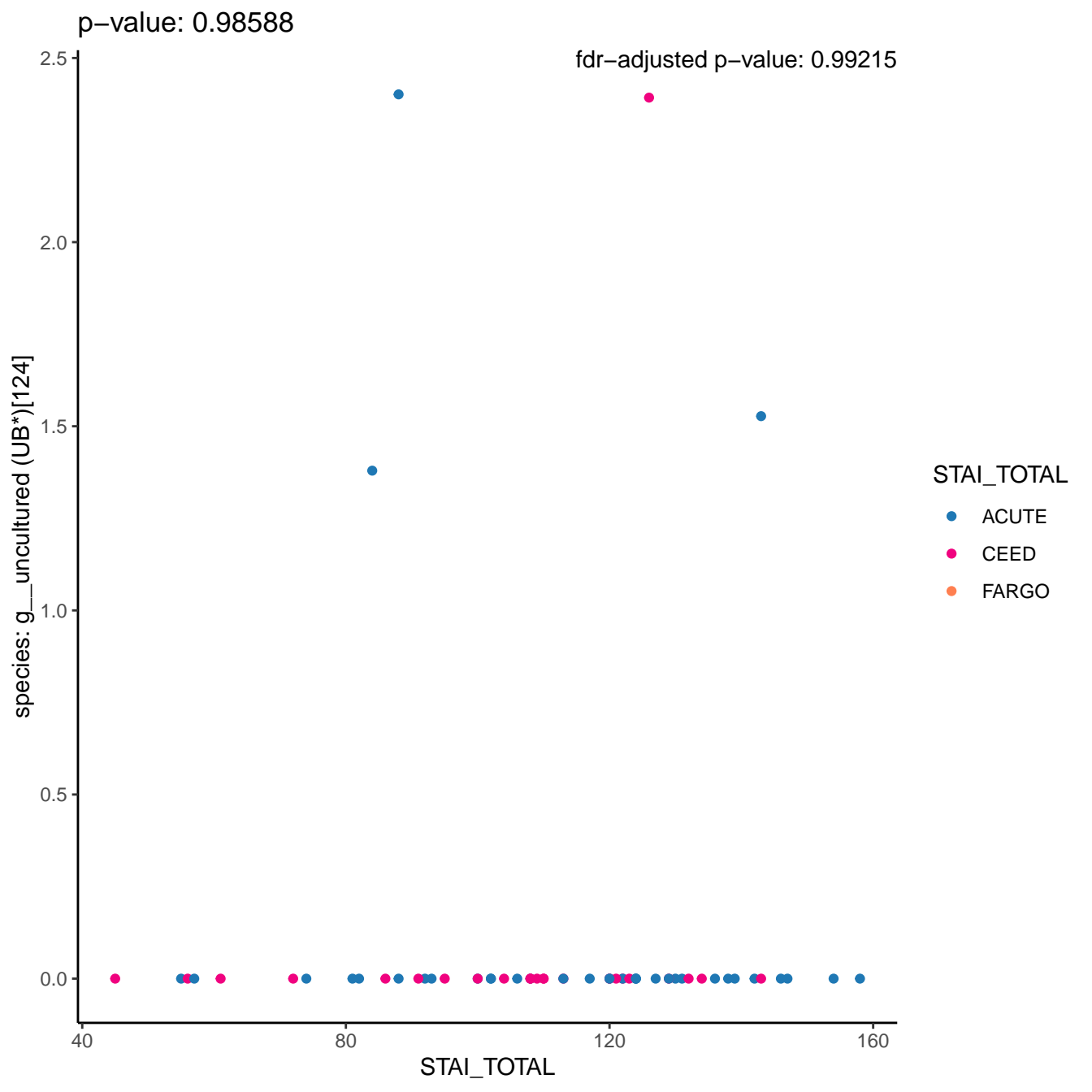
species: g__uncultured (UB*)[124]

STAI_TOTAL

- ACUTE
- CEED
- FARGO

40 80 120 160

STAI_TOTAL



p-value: 0.99294

fdr-adjusted p-value: 0.99294

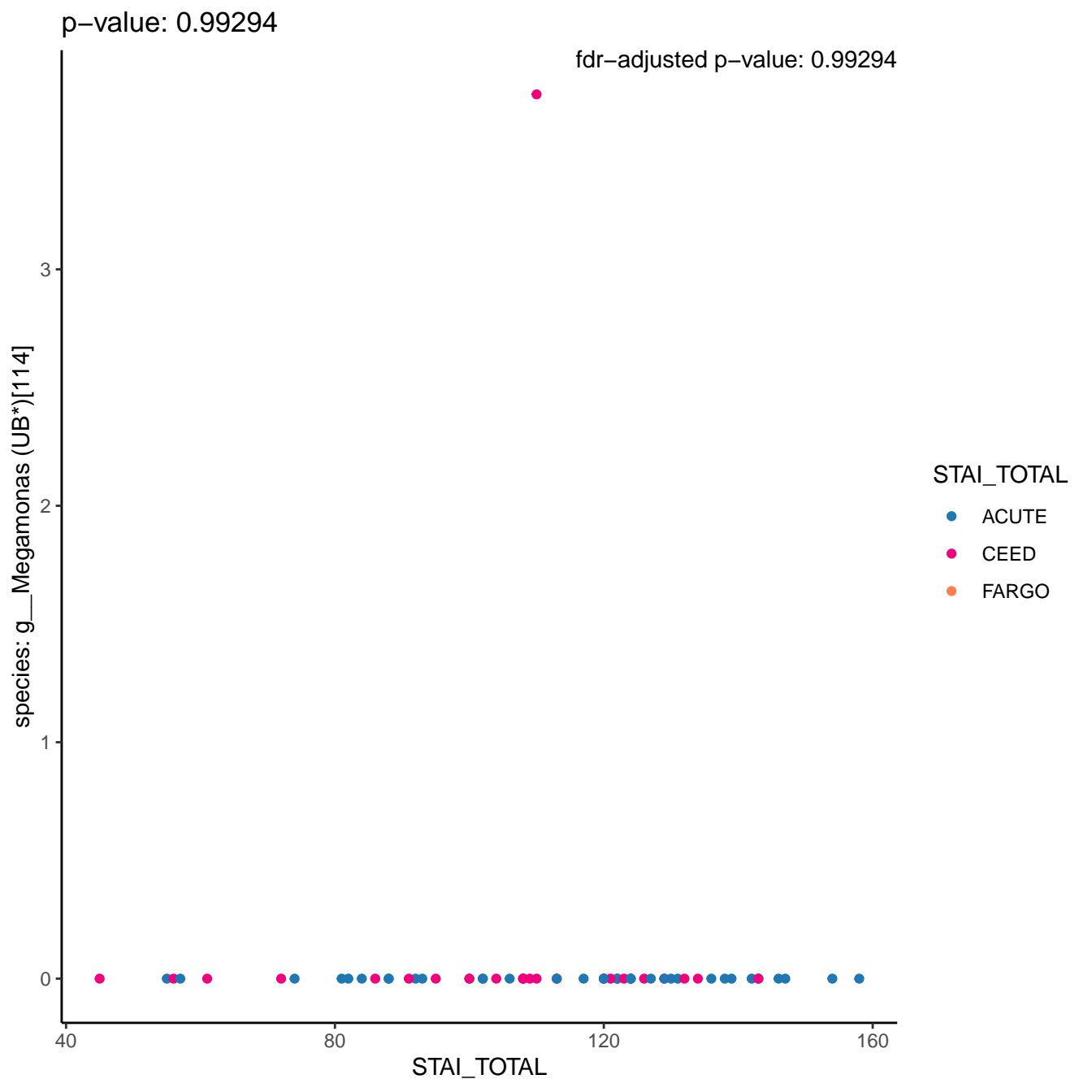
species: g__Megamonas (UB*)[114]

STAI_TOTAL

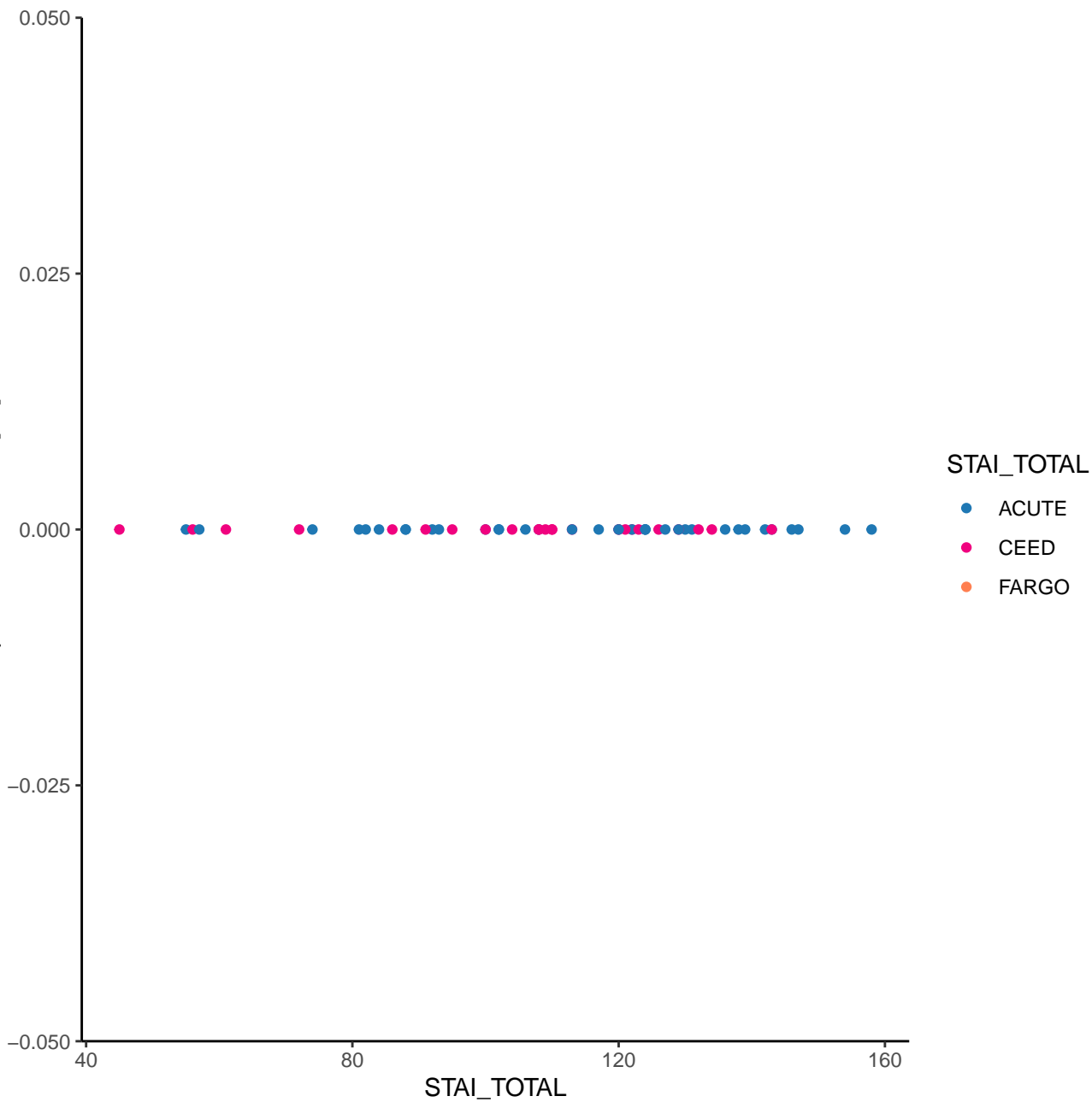
- ACUTE
- CEED
- FARGO

40 80 120 160

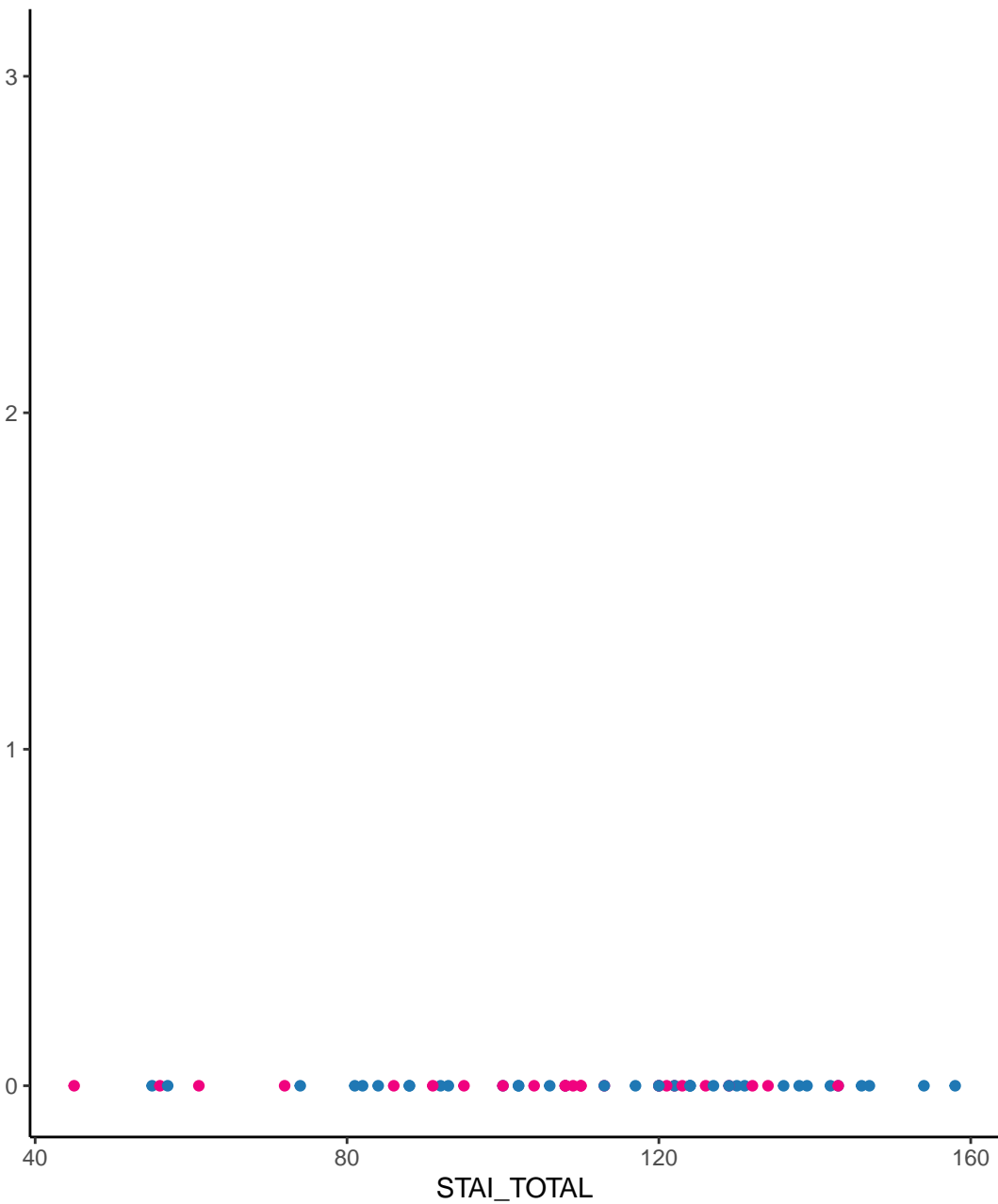
STAI_TOTAL



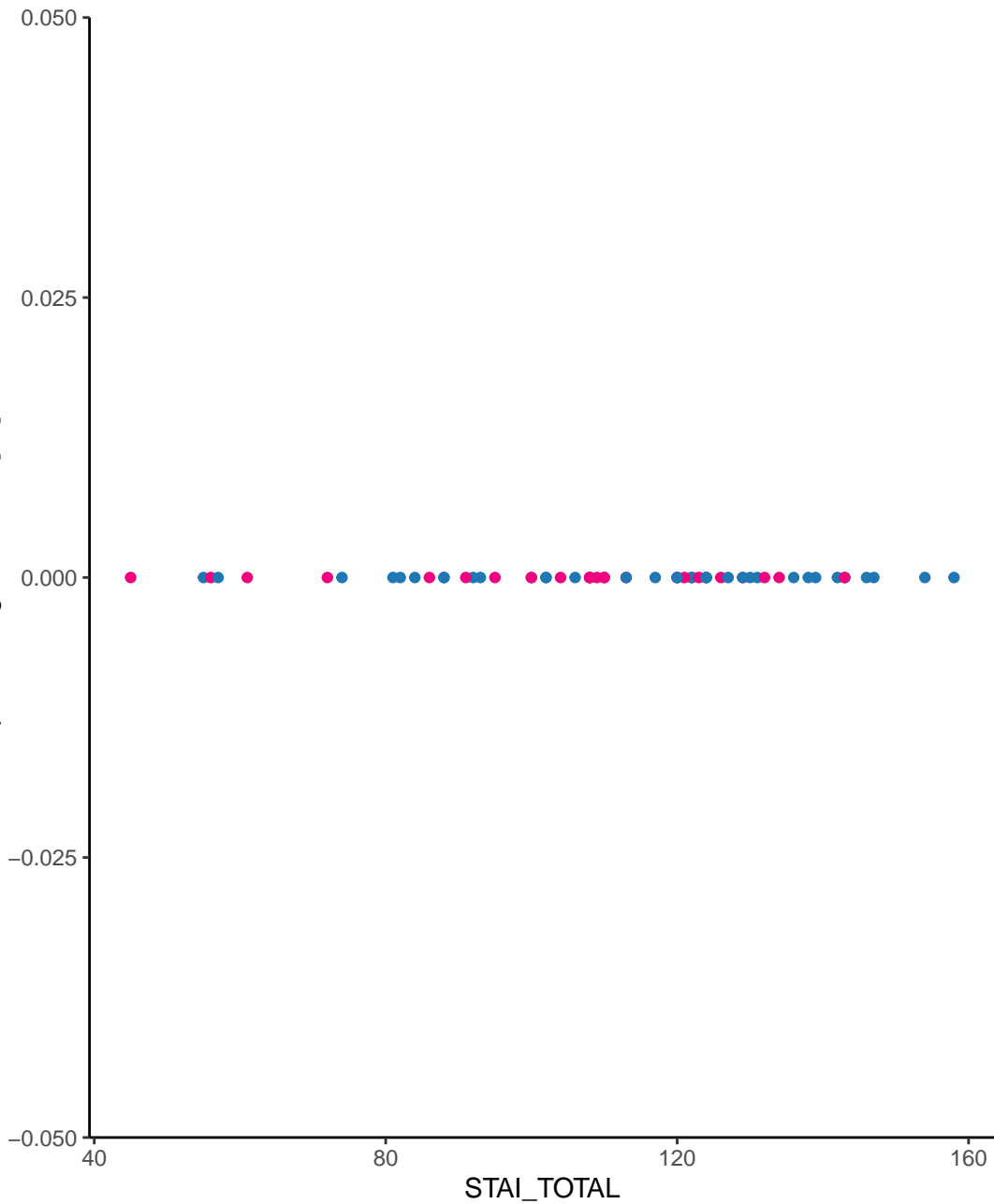
species: Roseburia.[17]

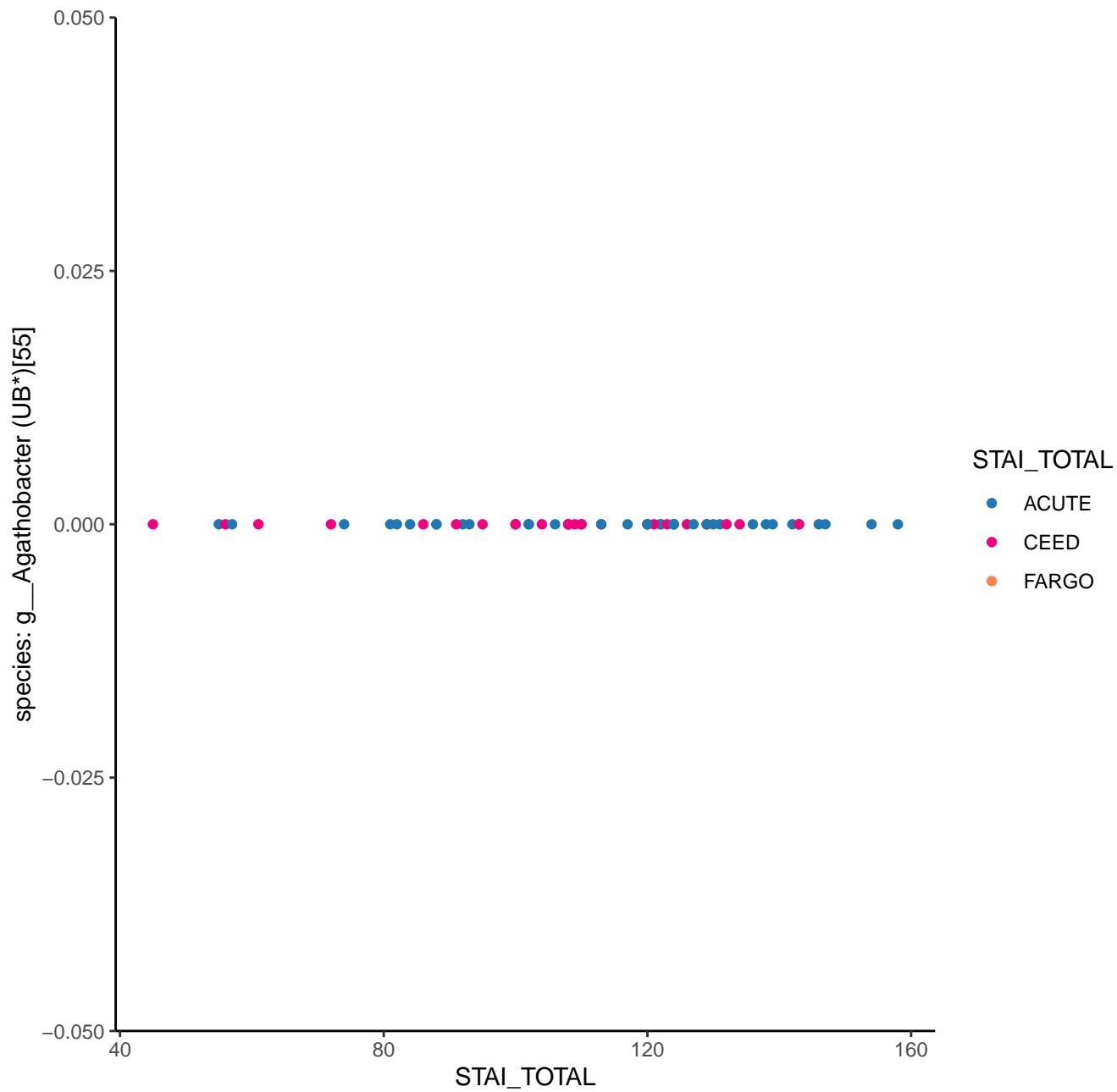


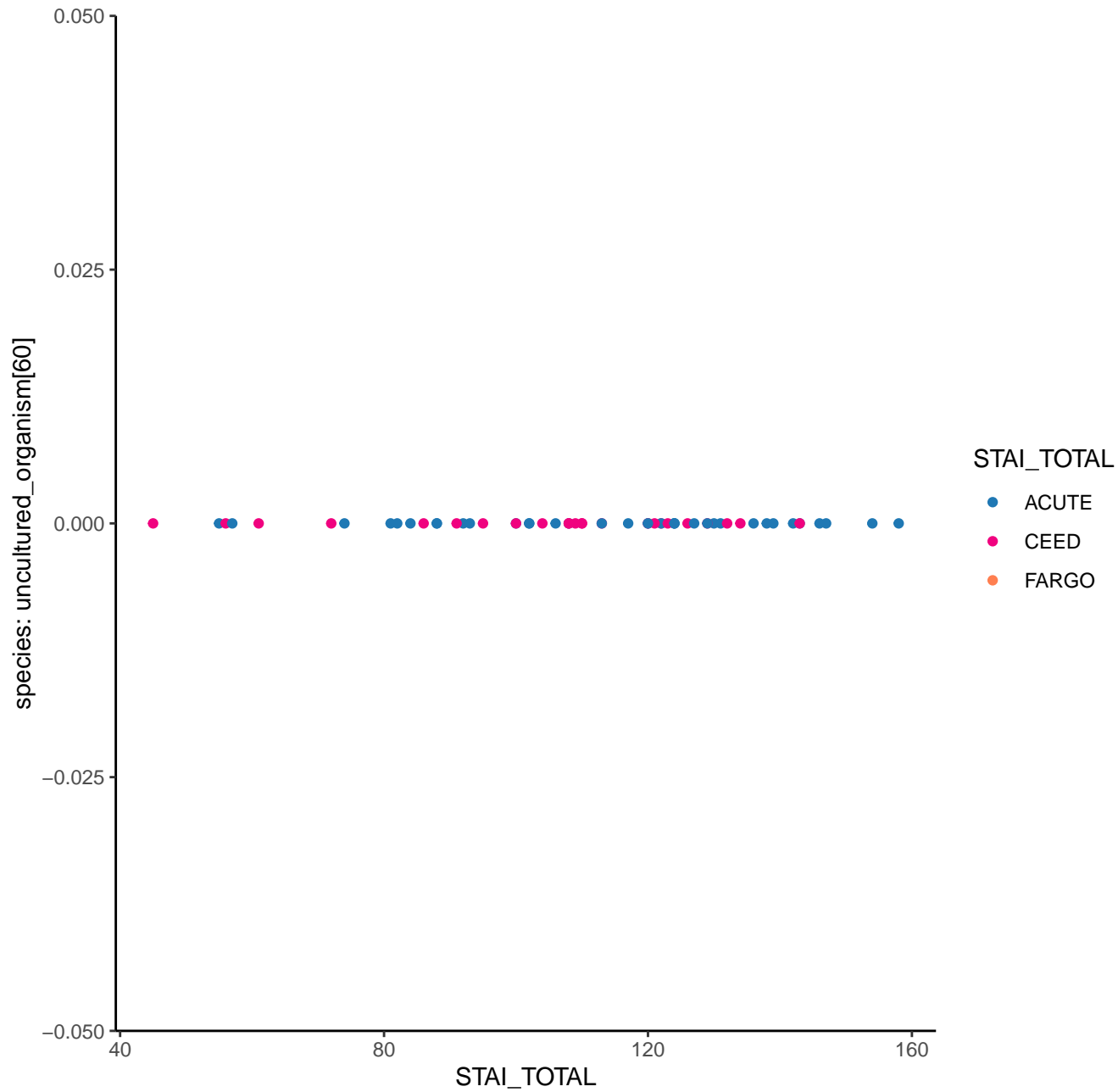
species: .Eubacterium._hallii[50]



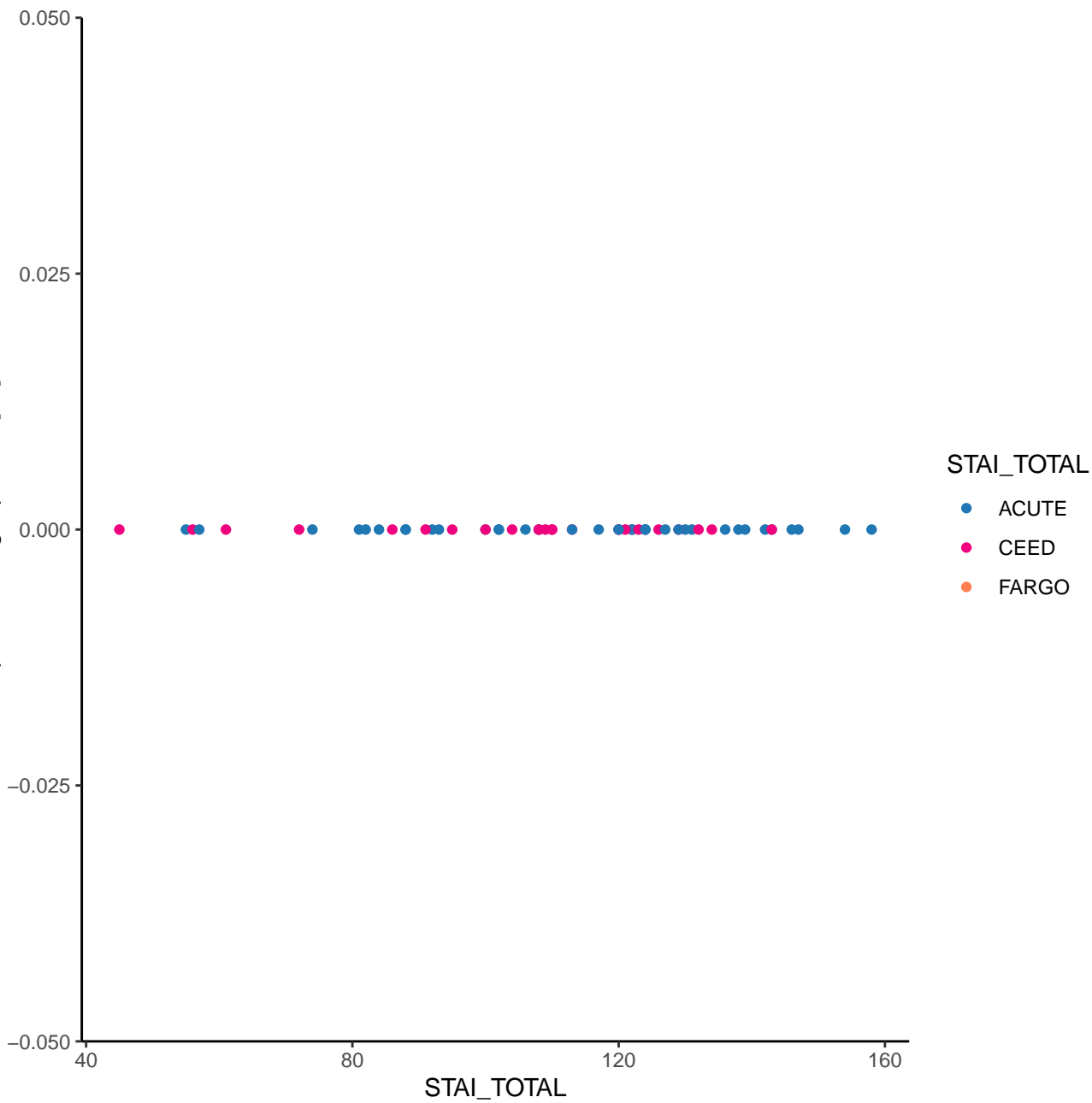
species: Agathobacter.[54]



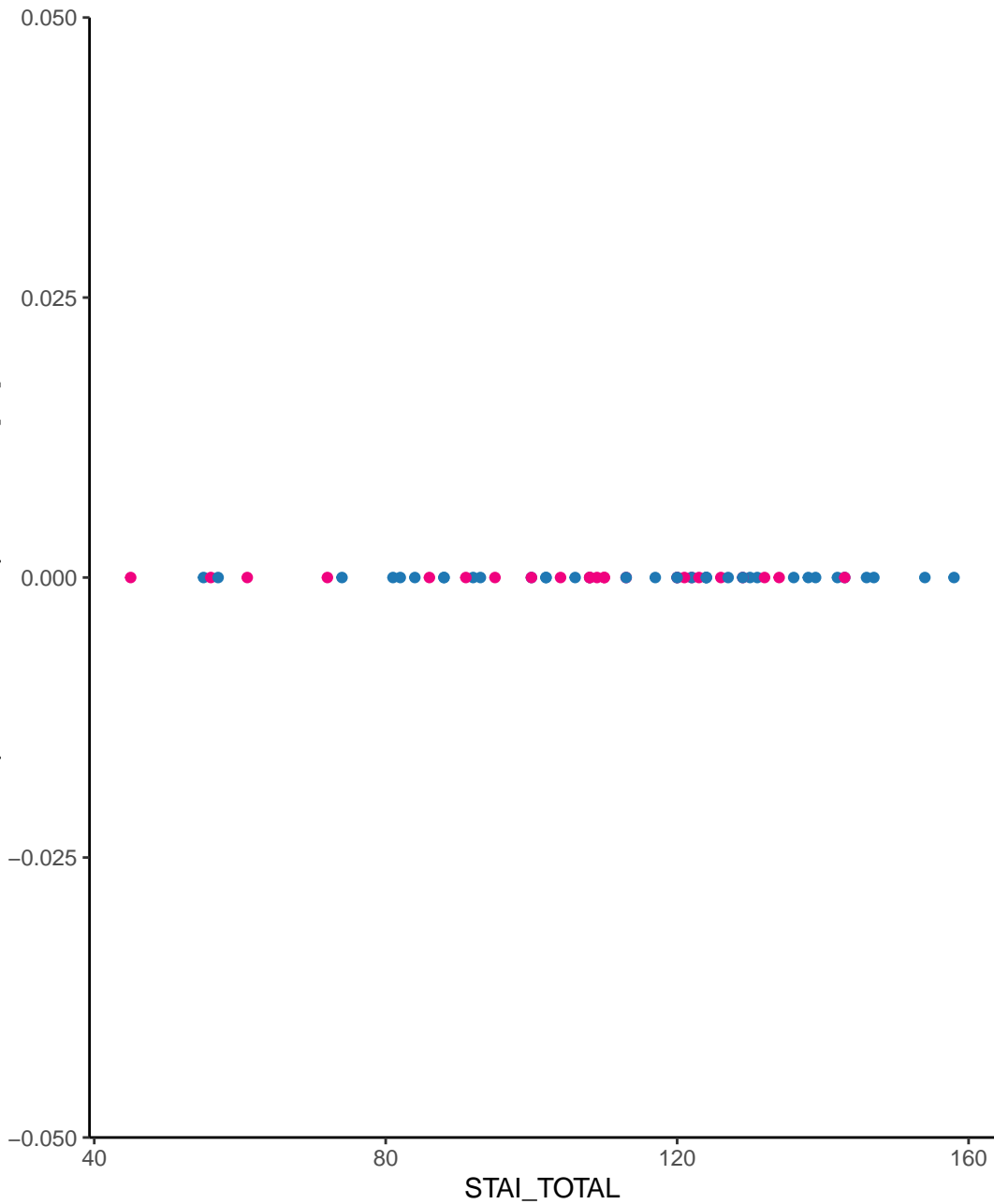


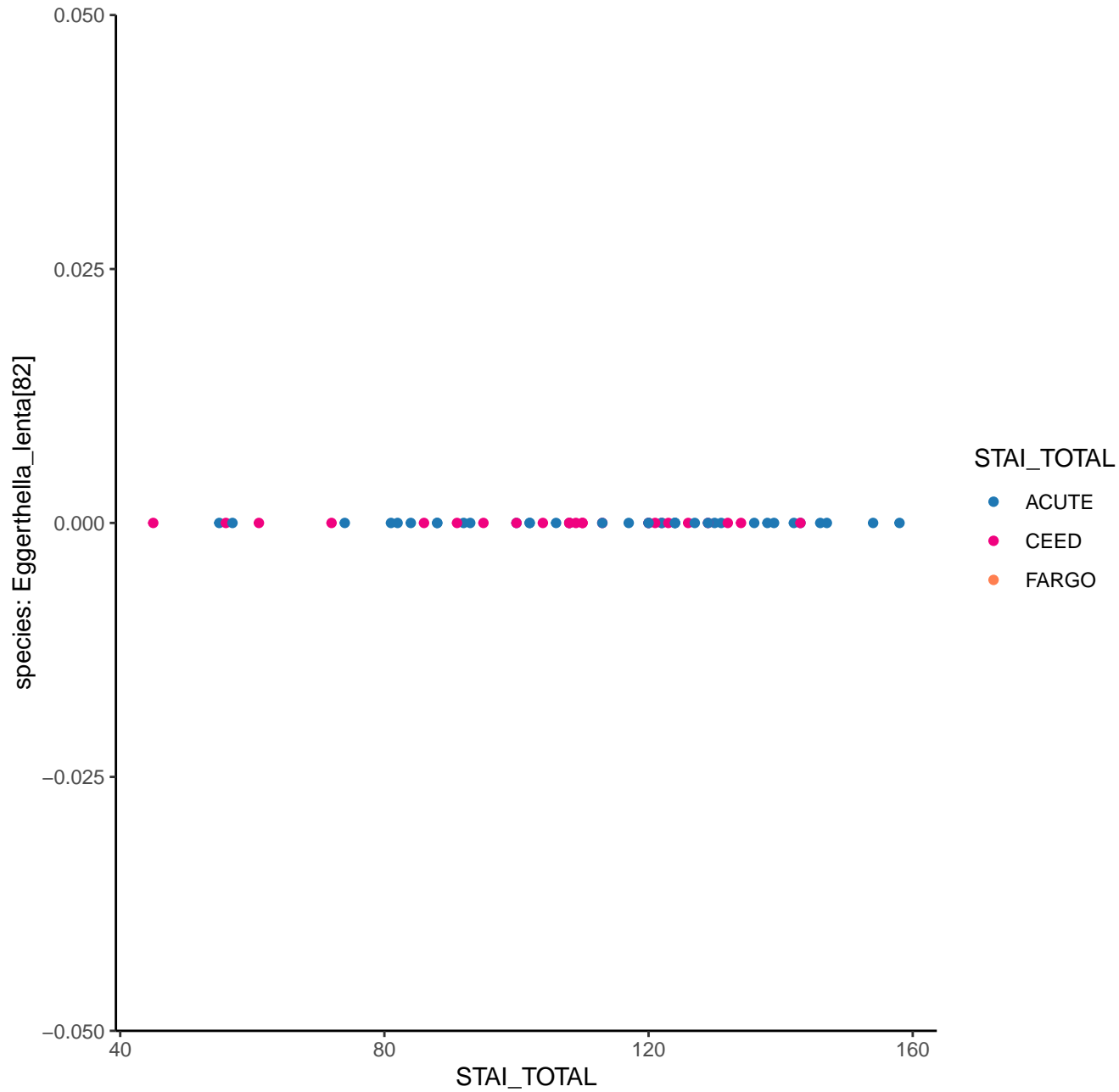


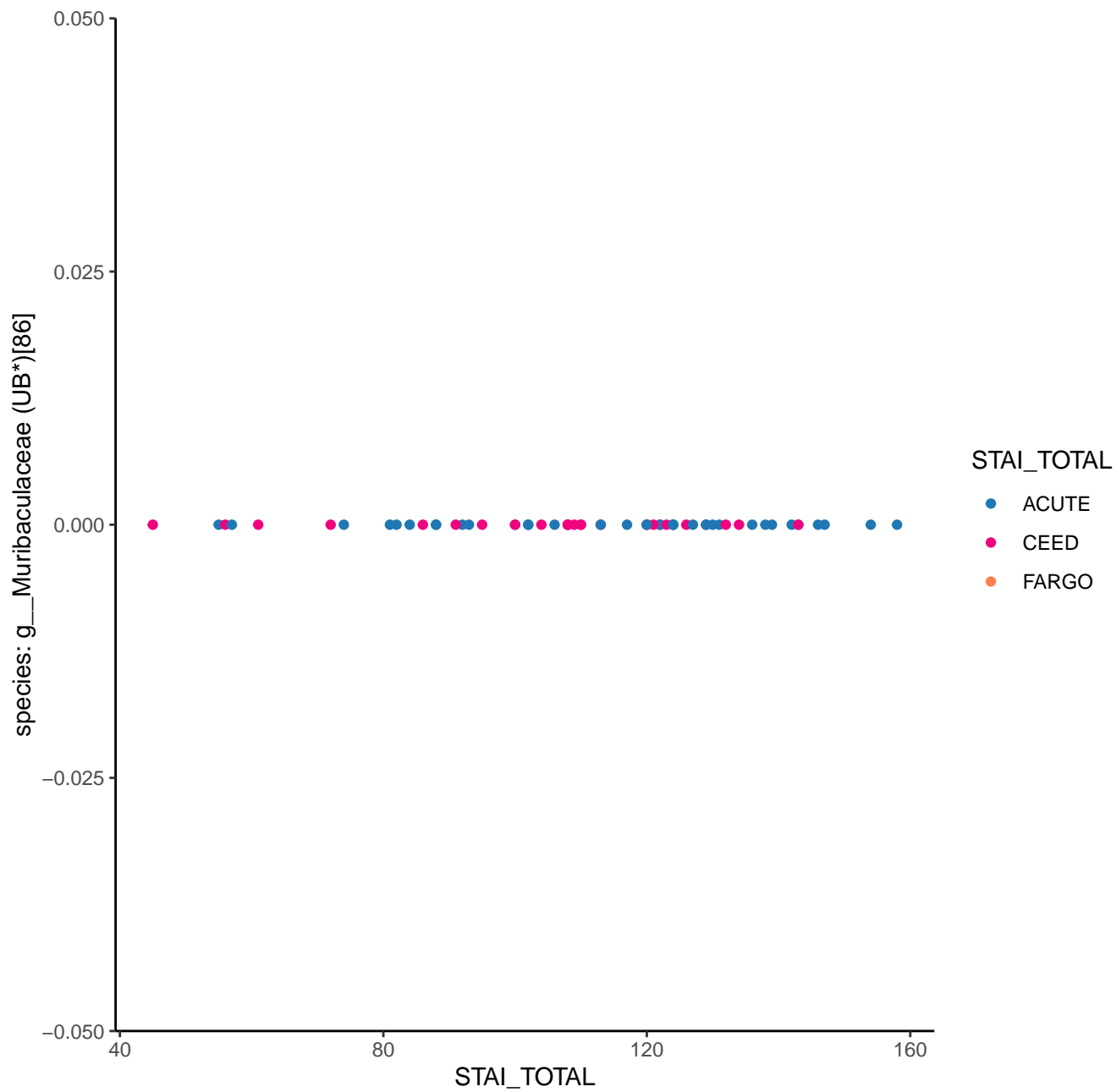
species: Megasphaera.[74]

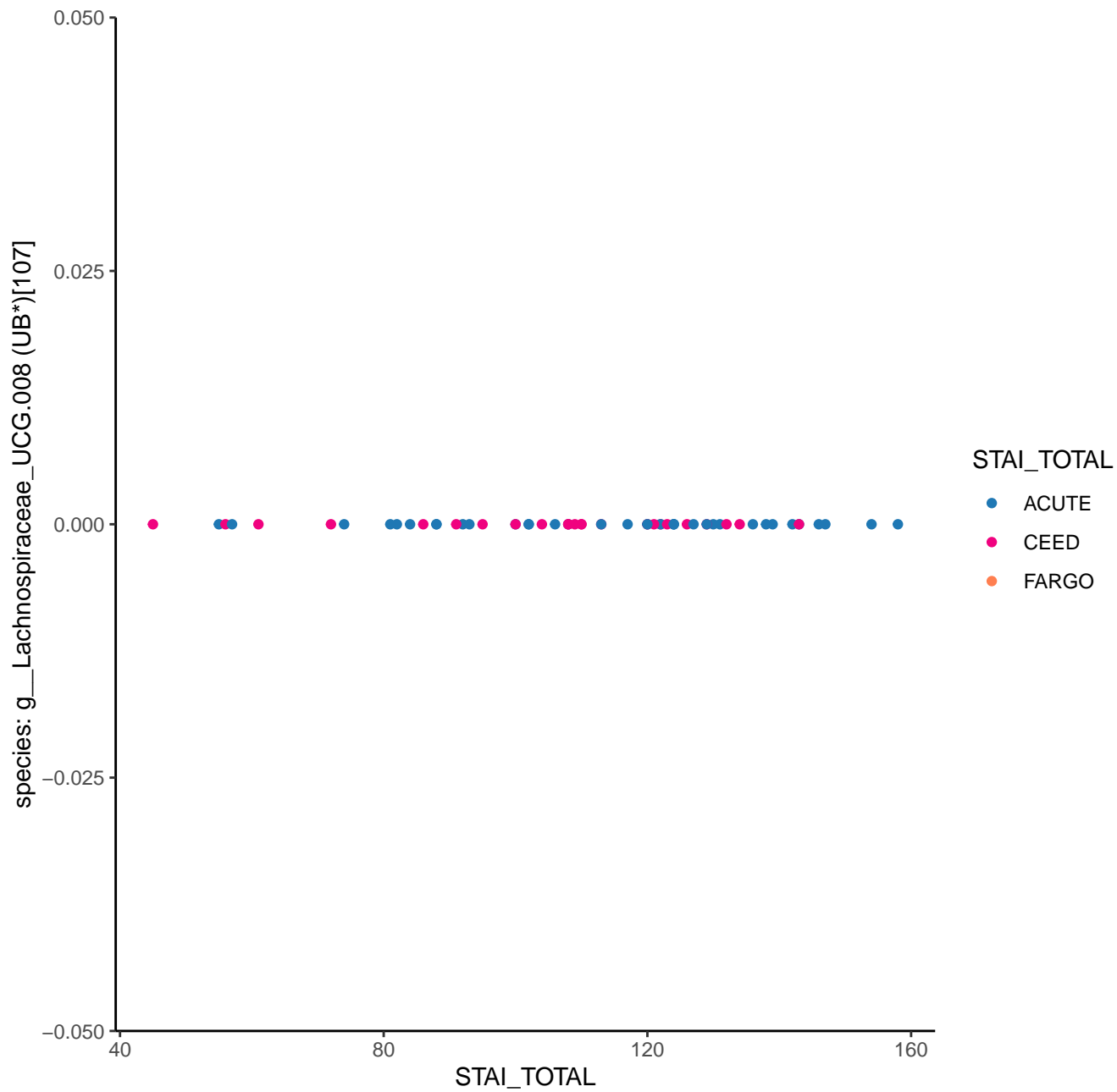


species: Anaerospirrobacter.[78]

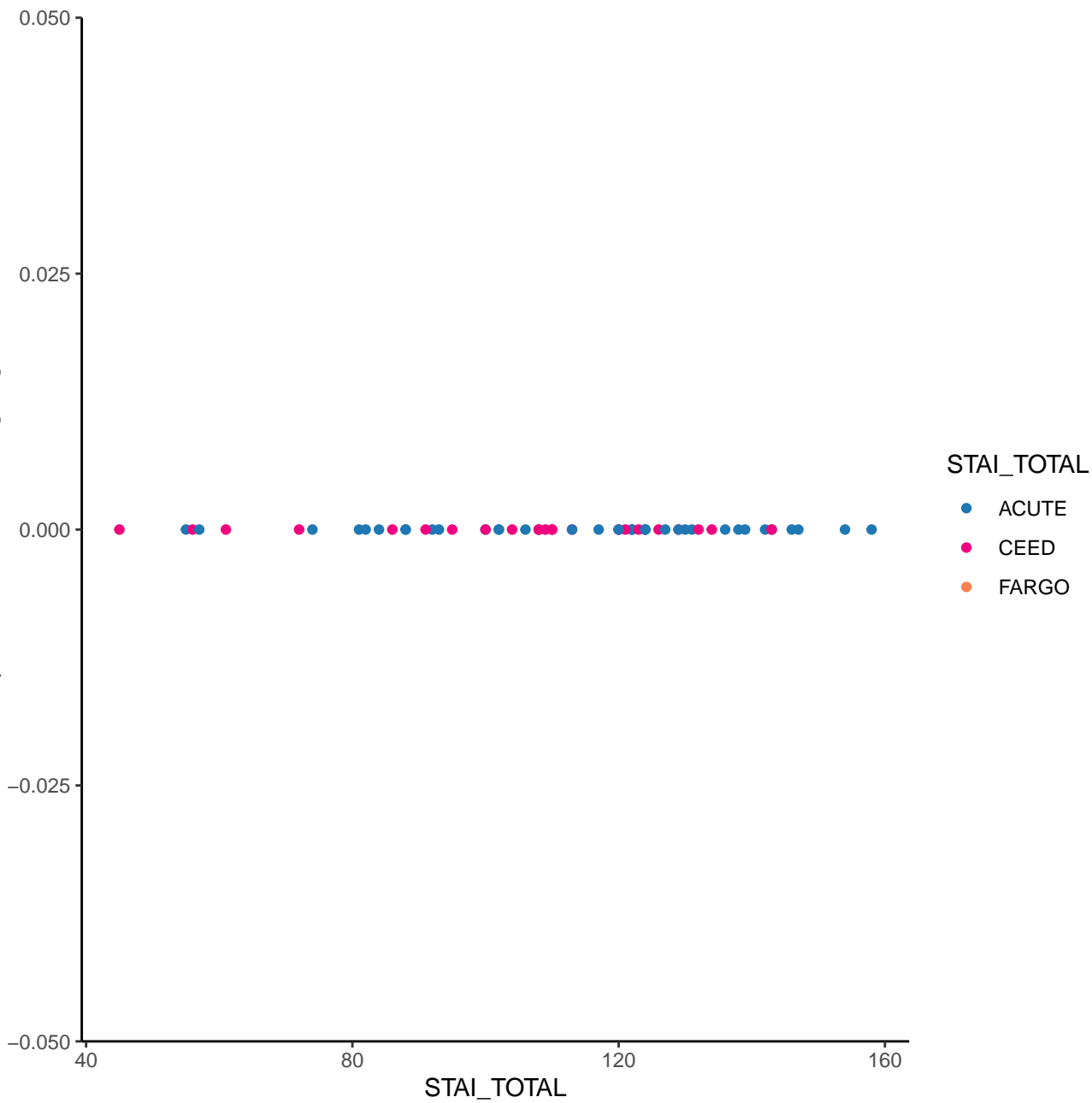


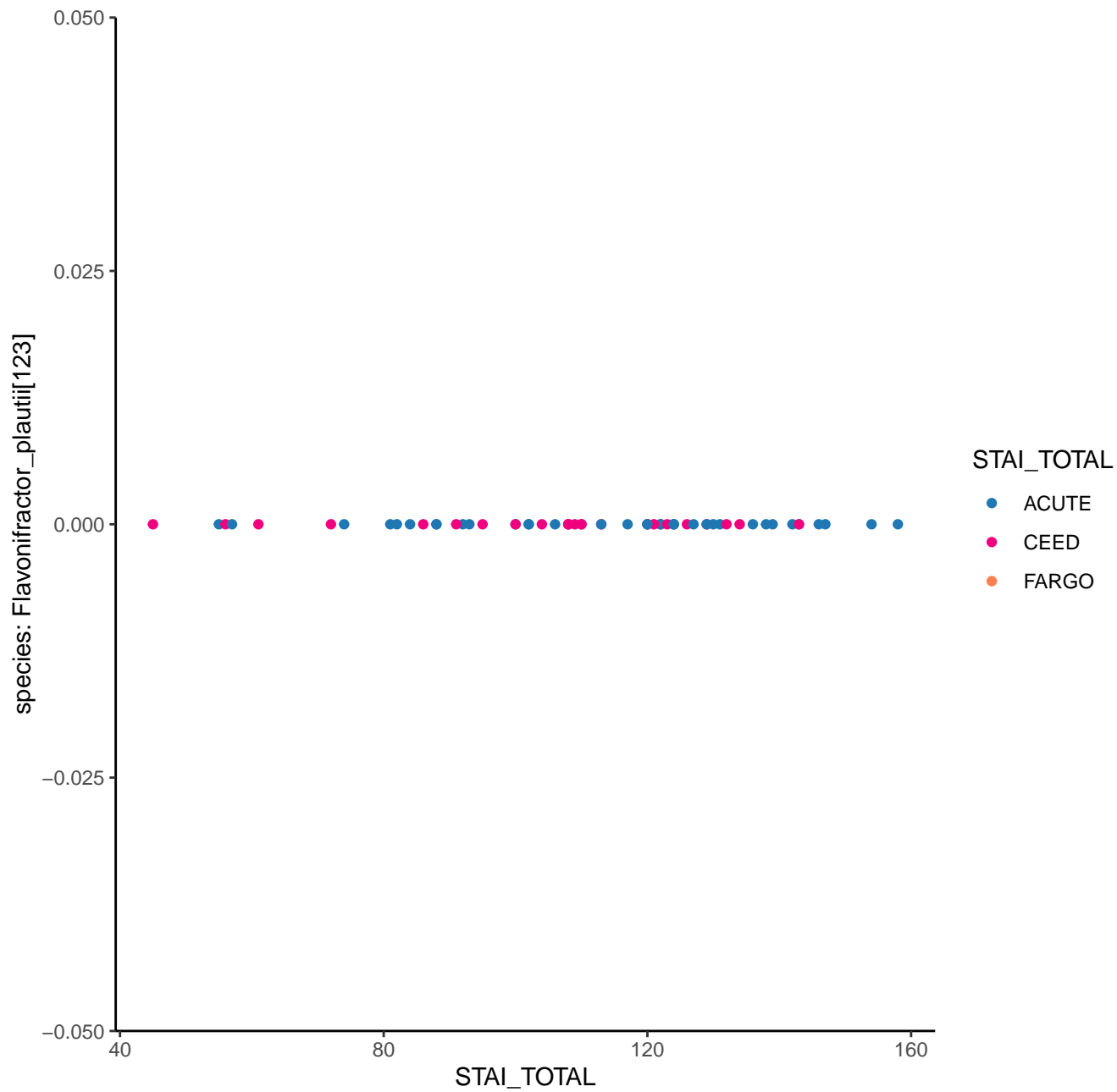




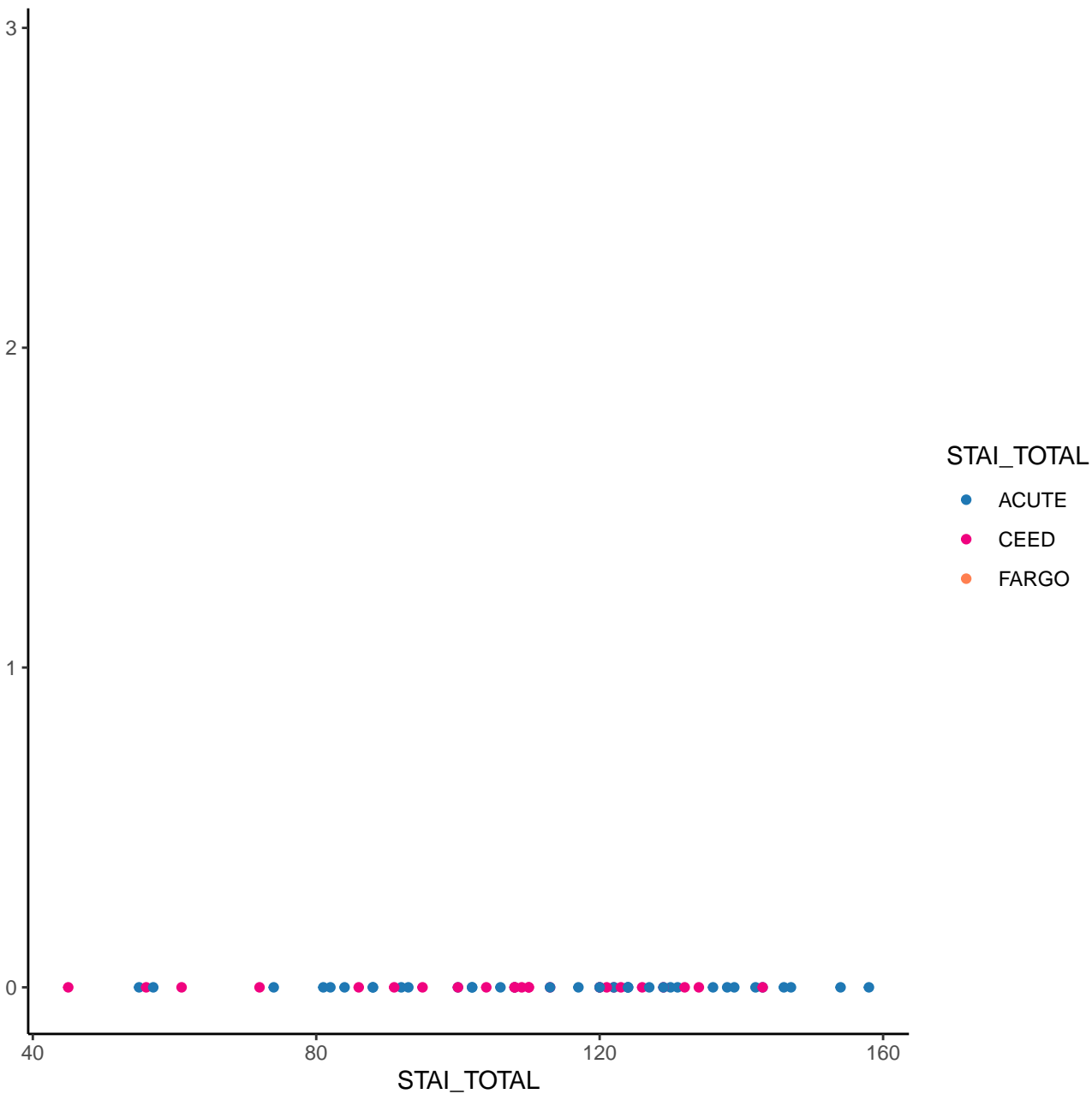


species: Pseudomonas.[115]





species: Erysipelotrichaceae_UCG.003.[132]



species: UCG.002.[137]

